

**gesis®**

Pluggable electrical installation  
for indoors

Catalog 2017







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# Building installation – simply plug in – perfect!

**gesis®** – one name, one idea, an inimitable story of success.

Over 35 years ago, the foundations were laid for a revolution in electrical installation with the predecessor of our current **GST18®** installation plug connector system. Time-consuming screw-type clamping units were replaced with robust, machined solid metal contacts that made it possible to connect and disconnect electrical consumers to and from the electrical installation quickly, easily, and safely.

Since then, Wieland Electric GmbH has set many standards in building installation:

- Active creation of a product norm that defines safety standards
- Expansion of the system to include plug connectors, device connectors, distribution blocks, and industrially fabricated and tested connection cables
- Establishment of a color and mechanical coding system so that different applications can be distinguished between safely
- Special customized solutions that allow even exceptional applications to be realized

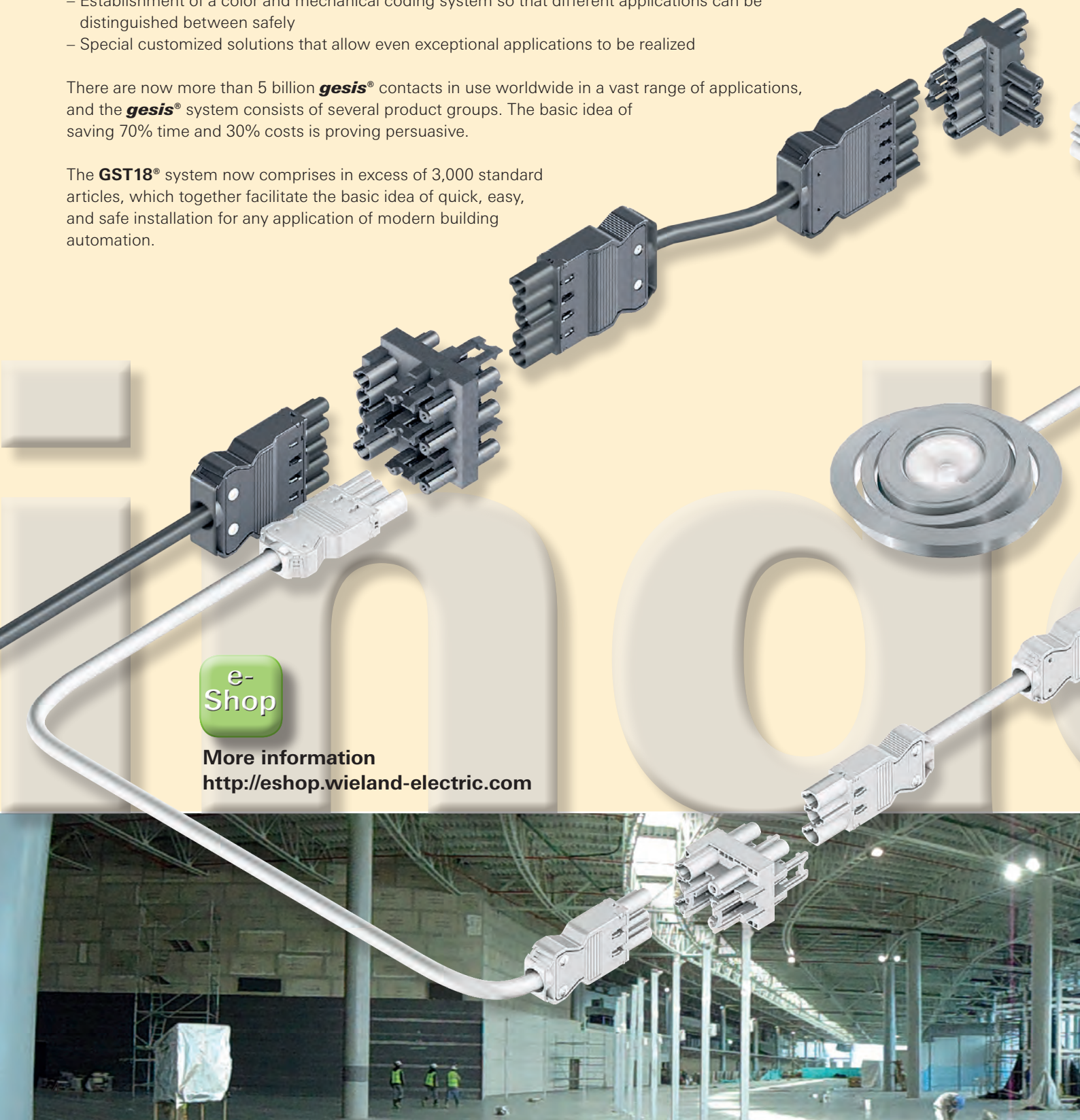
There are now more than 5 billion **gesis®** contacts in use worldwide in a vast range of applications, and the **gesis®** system consists of several product groups. The basic idea of saving 70% time and 30% costs is proving persuasive.

The **GST18®** system now comprises in excess of 3,000 standard articles, which together facilitate the basic idea of quick, easy, and safe installation for any application of modern building automation.



More information

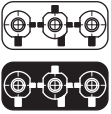
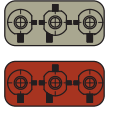





<http://eshop.wieland-electric.com>



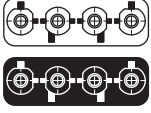
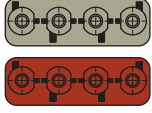




## Coding of GST18® connectors

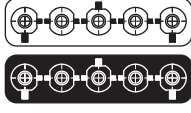

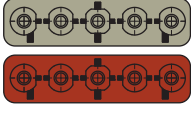



### GST18i3

<b>Code 1</b> N, PE, L white black	<b>Code 2</b> N, PE, L pebble gray tomato red	<b>Code 3</b> N, PE, L salmon pink	<b>Code 4</b> 3/L, 2/N, 1 brown	<b>Code 5</b> 3, 2, 1 pastel blue	<b>Code 6</b> 3, 2, 1 turquoise blue	<b>Code 7</b> 2/N, PE, 1 may green
						
<b>Application</b> Mains voltage	<b>Application</b> Mains voltage (UPS)	<b>Application</b> Mains voltage	<b>Application</b> Switching application	<b>Application</b> not SELV (e.g. DALI)	<b>Application</b> acc. to customer requirements (without PE)	<b>Application</b> acc. to customer requirements (with PE)

### GST18i4

<b>Code 1</b> 2, N, PE, 1 white black	<b>Code 2</b> 2, N, PE, 1 pebble gray tomato red	<b>Code 3</b> 4, 3, 2/N, 1 turquoise blue	<b>Code 4</b> 3, 2/N, PE, 1 may green
			
<b>Application</b> Mains voltage	<b>Application</b> Mains voltage (UPS)	<b>Application</b> acc. to customer requirements (without PE)	<b>Application</b> acc. to customer requirements (with PE)

### GST18i5

<b>Code 1</b> 3, N, PE, 2, 1 white black	<b>Code 2</b> L, N, PE, D2, D1 pastel blue	<b>Code 3</b> 3, N, PE, 2, 1 pebble gray tomato red	<b>Code 4</b> 4, 3/N, PE, 2, 1 may green	<b>Code 5</b> 5, 4/N, 3, 2, 1 turquoise blue	<b>Code 6</b> 5, 4, 3, 2, 1 light blue
					
<b>Application</b> Mains voltage	<b>Application</b> not SELV (e.g. DALI)	<b>Application</b> Mains voltage (UPS)	<b>Application</b> acc. to customer requirements (with PE)	<b>Application</b> acc. to customer requirements (without PE)	<b>Application</b> Low voltage/SELV (50 V)

## Connector, 3-pole

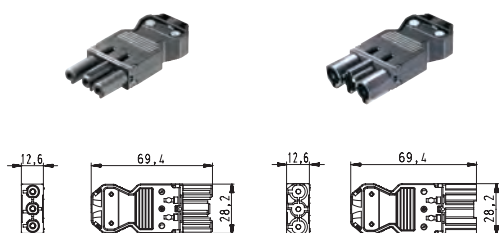
### Screw connection

Rated voltage:	250V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1
Lockable:	Yes

Cross section fine-stranded:	0,75 - 2,5mm <sup>2</sup>
Cross section solid:	0,75 - 2,5mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide
for insulation and sheath strip lengths please see technical data	

female

male



### For cables Ø 6.5 - 10.5 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250 V	L, N, PE	92.931.3053.1	92.932.3053.1
□ white	Mains 250 V	L, N, PE	92.931.3053.0	92.932.3053.0
■ pebble gray	UPS 250 V	L, N, PE	92.931.3453.0	92.932.3453.0
■ tomato red	UPS 250 V	L, N, PE	92.931.3453.5	92.932.3453.5
■ salmon pink	Mains 250 V	L, N, PE	92.931.3653.0	92.932.3653.0
■ brown	Switch function 250 V	1, 2, 3	92.931.3853.0	92.932.3853.0
■ pastel blue	not SELV	1, 2, 3	92.931.3753.0	92.932.3753.0
■ may green	Acc. to customer requirements (with PE)	1, PE, 2/N	92.931.3553.0	92.932.3553.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3	92.931.4053.0	92.932.4053.0

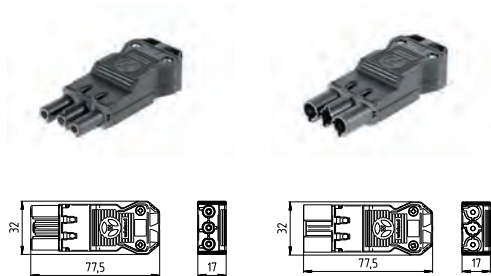
### Screw connection

Rated voltage:	250V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1
Lockable:	Yes

Cross section fine-stranded:	0,75 - 4mm <sup>2</sup>
Cross section solid:	0,75 - 4mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide
for insulation and sheath strip lengths please see technical data	

female

male



### For cables Ø 10.5 - 14.5 mm

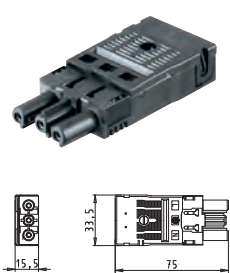
Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250 V	L, N, PE	92.931.5053.1	92.932.5053.1
□ white	Mains 250 V	L, N, PE	92.931.5053.0	92.932.5053.0
■ pebble gray	UPS 250 V	L, N, PE	92.931.5353.0	92.932.5353.0
■ tomato red	UPS 250 V	L, N, PE	92.931.5353.5	92.932.5353.5
■ brown	Switch function 250 V	1, 2, 3	92.931.5853.0	92.932.5853.0
■ may green	Acc. to customer requirements (with PE)	1, PE, 2/N	92.931.5553.0	92.932.5553.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3	92.931.6053.0	92.932.6053.0



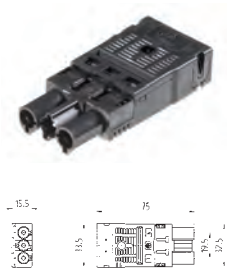
Connector, 3-pole

Spring force			
Rated voltage:	250V	Cross section fine-stranded:	0,75 - 1,5mm <sup>2</sup>
Rated current:	20 A	Cross section solid:	0,75 - 2,5mm <sup>2</sup>
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV
Pollution degree:	2	Housing material:	Polyamide
Terminations per pole:	2	for insulation and sheath strip lengths please see technical data	
Lockable:	Yes		

female



male



For cables Ø 7.8 - 10.3 mm			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250 V	L, N, PE	92.933.0053.1	92.934.0053.1
□ white	Mains 250 V	L, N, PE	92.933.0053.0	92.934.0053.0
■ pebble gray	UPS 250 V	L, N, PE	92.933.0153.0	92.934.0153.0
■ tomato red	UPS 250 V	L, N, PE	92.933.0153.5	92.934.0153.5
■ salmon pink	Mains 250 V	L, N, PE	92.933.0553.0	92.934.0553.0
■ brown	Switch function 250 V	1, 2, 3	92.933.0453.0	92.934.0453.0
■ may green	Acc. to customer requirements (with PE)	1, PE, 2/N	92.933.0753.0	92.934.0753.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3	92.933.0653.0	92.934.0653.0

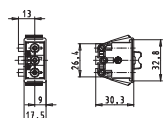
## Device connectors, 3-pole

### Snap-in, Screw connection

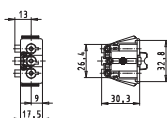
Rated voltage:	250V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1

Lockable:	Yes
Cross section fine-stranded:	0,75 - 4mm <sup>2</sup>
Cross section solid:	0,75 - 4mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female



male



### Housing material thickness 0.5-1.5 mm

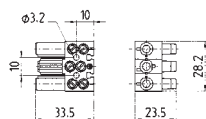
Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250 V	L, N, PE	92.031.8758.1	92.032.8758.1
□ white	Mains 250 V	L, N, PE	92.031.8758.0	92.032.8758.0

### Built-in component, Screw connection

Rated voltage:	250V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	2

Lockable:	Yes
Cross section fine-stranded:	0,75 - 4mm <sup>2</sup>
Cross section solid:	0,75 - 4mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female



### Double screw connection

Color of coding	Application	Marking of poles	female Part No.
■ black	Mains 250 V	L, N, PE	92.031.4453.1
□ white	Mains 250 V	L, N, PE	92.031.4453.0
■ pebble	UPS 250 V	L, N, PE	92.031.4853.0
gray			
■ salmon	Mains 250 V	L, N, PE	92.031.4953.0
pink			



## Device connectors, 3-pole

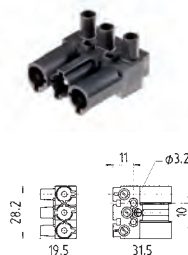
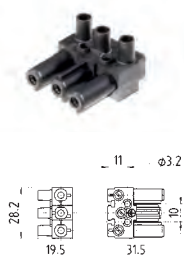
### Built-in component, Screw connection

Rated voltage:	250V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1

Lockable:	Yes
Cross section fine-stranded:	0,75 - 4mm <sup>2</sup>
Cross section solid:	0,75 - 4mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male



### Single screw connection

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250 V	L, N, PE	92.031.3258.1	92.032.3358.1
□ white	Mains 250 V	L, N, PE	92.031.3258.0	92.032.3358.0
■ pebble gray	UPS 250 V	L, N, PE	92.031.3458.0	92.032.3458.0
■ tomato red	UPS 250 V	L, N, PE	92.031.3458.5	92.032.3458.5
■ salmon pink	Mains 250 V	L, N, PE	92.031.3658.0	92.032.3658.0
■ brown	Switch function 250 V	1, 2, 3	92.031.3858.0	92.032.3858.0
■ pastel blue	not SELV	1, 2, 3	92.031.3758.0	92.032.3758.0
■ may green	Acc. to customer requirements (with PE)	1, PE, 2/N	92.031.3558.0	92.032.3558.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3	92.031.3958.0	92.032.3958.0

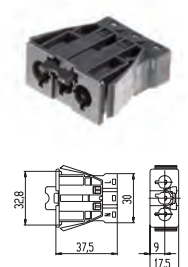
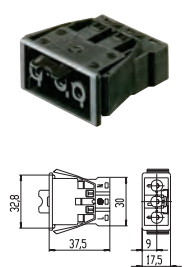
### Snap-in, Spring force

Rated voltage:	250V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	2

Lockable:	Yes
Cross section fine-stranded:	0,5 - 1,5mm <sup>2</sup>
Cross section solid:	0,5 - 2,5mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male

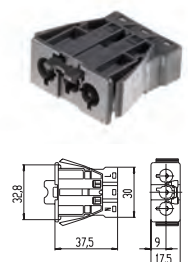
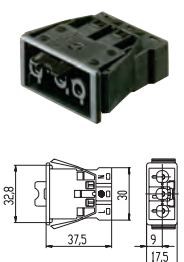


### Housing material thickness 0.5-1.5 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250 V	L, N, PE	92.031.9658.1	92.032.9658.1
□ white	Mains 250 V	L, N, PE	92.031.9658.0	92.032.9658.0
■ pebble gray	UPS 250 V	L, N, PE	92.031.9758.0	92.032.9758.0
■ tomato red	UPS 250 V	L, N, PE	92.031.9758.5	92.032.9758.5
■ salmon pink	Mains 250 V	L, N, PE	92.031.8558.0	92.032.8558.0
■ brown	Switch function 250 V	1, 2, 3	92.031.8458.0	92.032.8458.0
■ may green	Acc. to customer requirements (with PE)	1, PE, 2/N	92.031.8058.0	92.032.8058.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3	92.031.8258.0	92.032.8258.0

female

male



### Housing material thickness 1.5-2.5 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250 V	L, N, PE	92.031.7658.1	92.032.7658.1
□ white	Mains 250 V	L, N, PE	92.031.7658.0	92.032.7658.0

## Device connectors, 3-pole

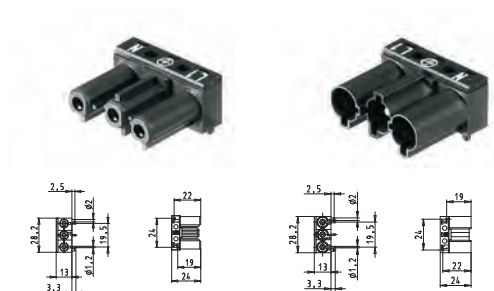
### Solder connector, Soldering connection

Rated voltage:	250V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2

Terminations per pole:	1
Lockable:	Yes
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male



#### horizontal, without fastening flange

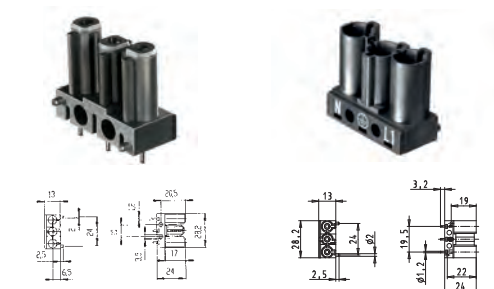
female

male

Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250 V	L, N, PE	92.033.0058.1	92.034.0058.1
□ white	Mains 250 V	L, N, PE	92.033.0058.0	92.034.0058.0
■ pebble	UPS 250 V	L, N, PE	92.033.0158.0	92.034.0158.0
gray				
■ tomato red	UPS 250 V	L, N, PE	92.033.0158.5	92.034.0158.5
■ salmon	Mains 250 V	L, N, PE	92.033.0758.0	
pink				
■ brown	Switch function 250 V	1, 2, 3	92.033.0658.0	92.034.0658.0
■ pastel blue	not SELV	1, 2, 3	92.033.0458.0	92.034.0458.0

female

male



#### vertical, without fastening flange

female

male

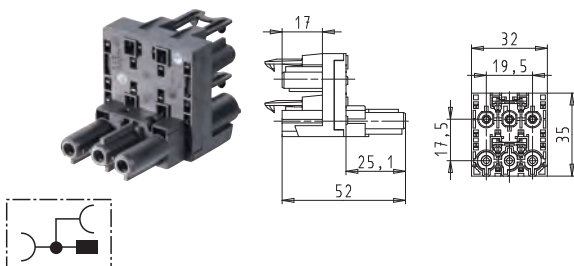
Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250 V	L, N, PE	92.031.0058.1	92.032.0058.1
□ white	Mains 250 V	L, N, PE	92.031.0058.0	92.032.0058.0
■ pebble	UPS 250 V	L, N, PE	92.031.0158.0	92.032.0158.0
gray				
■ tomato red	UPS 250 V	L, N, PE	92.031.0158.5	92.032.0158.5
■ salmon	Mains 250 V	L, N, PE	92.031.0758.0	
pink				
■ brown	Switch function 250 V	1, 2, 3	92.031.0658.0	92.032.0658.0
■ pastel blue	not SELV	1, 2, 3	92.031.0458.0	92.032.0458.0



## Distributors

Rated voltage:	250 V or 250 / 400 V	Degree of protection (IP):	IP20, inserted IP40
Rated current:	20 A	Lockable:	Yes
Rated impulse voltage:	4 kV		

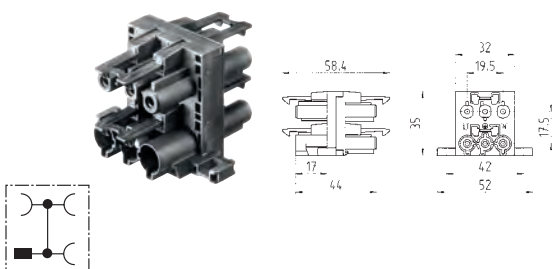
### h distributor



#### 3-pole with interlock integrated on one side

Color of coding	Application	Outputs	Part No.
□ white	Mains 250 V	2	92.030.6053.0
■ black	Mains 250 V	2	92.030.6053.1

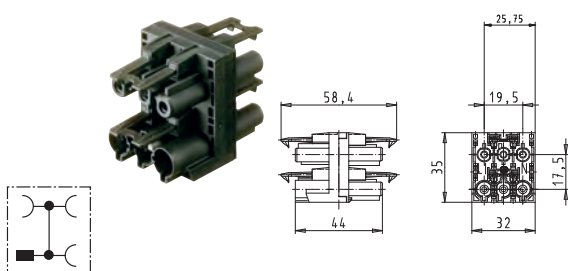
### H distributor



#### 3-pole with mounting

Color	Application	Outputs	Part No.
□ white	Mains 250 V	3	92.030.4853.0
■ black	Mains 250 V	3	92.030.4853.1

### H distributor



#### 3-pole without mounting option

Color	Application	Outputs	Part No.
□ white	Mains 250 V	3	92.030.4953.0
■ black	Mains 250 V	3	92.030.4953.1

### H distributor

Color of coding	Application	Outputs	Part No.
□ white	Mains 250 V	3	92.030.6953.0
■ black	Mains 250 V	3	92.030.6953.1
■ pebble gray	UPS 250 V	3	92.030.7053.0
■ tomato red	UPS 250 V	3	92.030.7053.5
■ salmon	Mains 250 V	3	92.030.7553.0
pink			
■ turquoise	Acc. to customer requirements (without PE)	3	92.030.7153.0
■ may green	Acc. to customer requirements (with PE)	3	92.030.7253.0

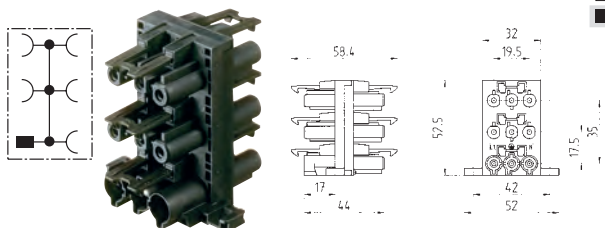
Expected to be available from Q4 2017

## Distributors

Rated voltage: 250 V  
 Rated current: 20 A  
 Rated impulse voltage: 4 kV

Degree of protection (IP): IP20, inserted IP40  
 Lockable: Yes

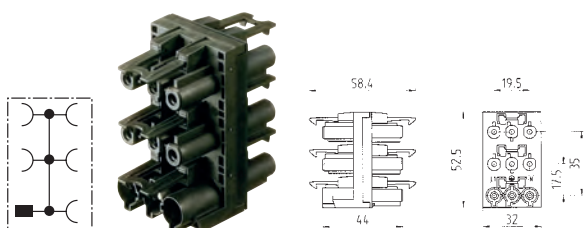
### HH distributor



### 3-pole with mounting

Color	Application	Outputs	Part No.
□ white	Mains 250 V	5	92.030.5353.0
■ black	Mains 250 V	5	92.030.5353.1

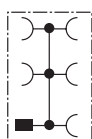
### HH distributor



### 3-pole without mounting option

Color	Application	Outputs	Part No.
□ white	Mains 250 V	5	92.030.5253.0
■ black	Mains 250 V	5	92.030.5253.1

### HH distributor

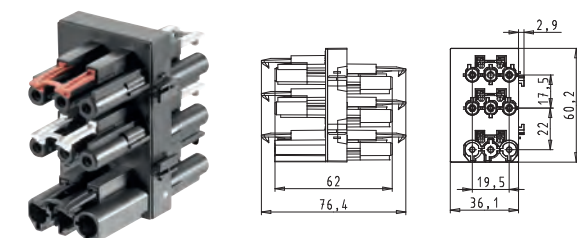


### 3-pole with option of mounting to 07.413.6853.1

Color	Application	Outputs	Part No.
□ white	Mains 250 V	5	92.030.0953.0
■ black	Mains 250 V	5	92.030.0953.1

Expected to be available from Q4 2017

### HH switching distributor\*



### 3-pole with mounting option

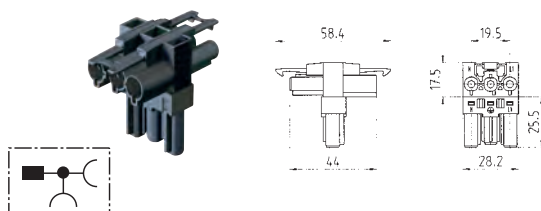
Color	Application	Switching options	Part No.
■ black	Mains 250 V	On/Off	92.030.0053.1
■ black	Mains 250 V	Motion detector	92.030.0153.1
■ black	Mains 250 V	Two-way circuit	92.030.0253.1
■ black	Mains 250 V	Series circuit	92.030.0353.1

\*For connection diagrams see Technical Data

## T distributor

Rated voltage:	250 V	Degree of protection (IP):	IP20, inserted IP40
Rated current:	20 A	Lockable:	Yes
Rated impulse voltage:	4 kV	Interlock for vertical output has to be ordered separately	

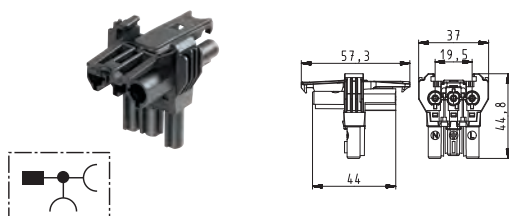
### T distributor



### 3-pole with interlock on both sides on feed-through level

Color of coding	Application	Outputs	Part No.
□ white	Mains 250 V	2	92.030.1053.0
■ black	Mains 250 V	2	92.030.1053.1

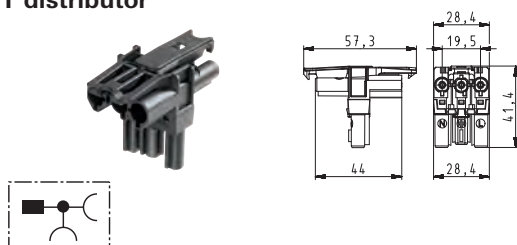
### T distributor



### 3-pole with option of mounting to 07.413.6853.1, cascadable

Color of coding	Application	Outputs	Part No.
□ white	Mains 250 V	2	92.030.3153.0
■ black	Mains 250 V	2	92.030.3153.1
■ pebble gray	UPS 250 V	2	92.030.3653.0
■ tomato red	UPS 250 V	2	92.030.3653.5

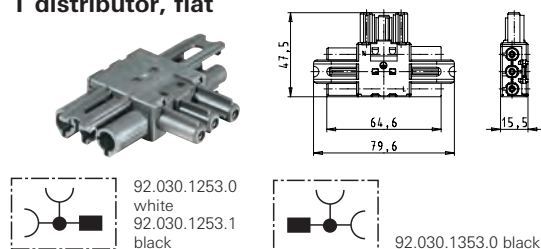
### T distributor



### 3-pole without mounting option, cascadable

Color of coding	Application	Outputs	Part No.
□ white	Mains 250 V	2	92.030.3053.0
■ black	Mains 250 V	2	92.030.3053.1
■ pebble gray	UPS 250 V	2	92.030.3553.0
■ tomato red	UPS 250 V	2	92.030.3553.5

### T distributor, flat



### 3-pole with interlock on both sides on feed-through level

Color of coding	Application	Outputs	Part No.
□ white	Mains 250 V	2	92.030.1253.0
■ black	Mains 250 V	2	92.030.1253.1
■ black	Mains 250 V	2	92.030.1353.0

92.030.1253.0  
white  
92.030.1253.1  
black

92.030.1353.0 black



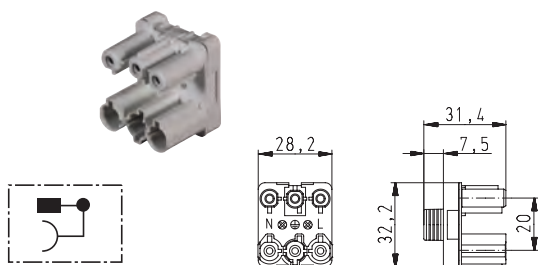
## Intermediate couplings

Rated voltage: 250 V  
 Rated current: 20 A  
 Rated impulse voltage: 4 kV

Degree of protection (IP): IP20, inserted IP40  
 Lockable: See Accessories

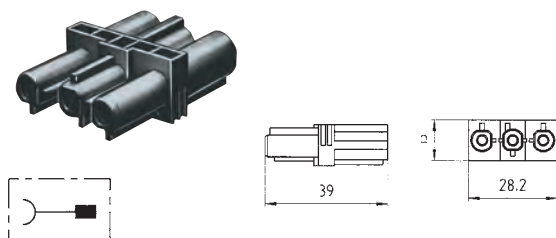
### 3-pole lockable, without mounting option

Color	Inputs	Outputs	Part No.
□ white	1, male	1, female	92.030.5853.0



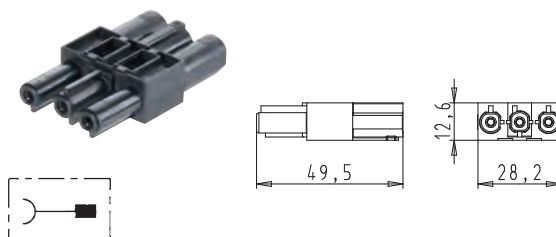
### 3-pole with no locking option

Color	Inputs	Outputs	Part No.
□ white	1, male	1, female	92.030.5958.0
■ black	1, male	1, female	92.030.5958.1



### 3-pole with locking option

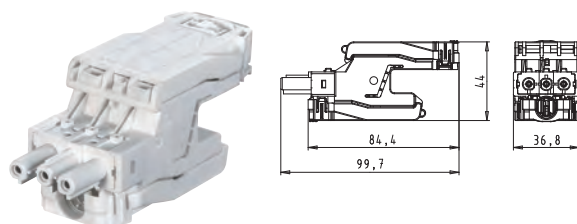
Color	Inputs	Outputs	Part No.
■ black	1, male	1, female	99.452.9910.0



### IDC adapter

### 3-pole for easy integration in existing installations

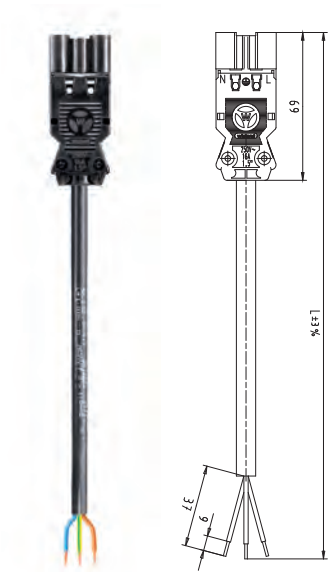
Color of coding	Application	Outputs	Part No.
□ white	Mains 250 V	1	92.731.6053.0



Cable assemblies, 3-pole

0.75 mm², 6 A			
Rated voltage:	250V	Lockable:	Yes
Rated current:	6 A	Preparation of conductor ends:	Ultrasonically compressed wire ends
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV
Pollution degree:	2		

gesis® CLASSIC



Connection cable, male - free end

		H05VV-F halogenated	H05Z1Z1-F halogen free
		Part No.	Part No.
Cable color:		■ black	■ black
Color of coding:		■ black	■ black
Marking of poles:		L, N, PE	L, N, PE
Application:		Mains 250 V	Mains 250 V
Length (m)	1	92.230.1004.1	92.230.1064.1
	2	92.230.2004.1	92.230.2064.1
	3	92.230.3004.1	92.230.3064.1
	4	92.230.4004.1	
	5	92.230.5004.1	
	6	92.230.6004.1	
	7	92.230.7004.1	
	8	92.230.8004.1	
Cable color:		□ white	□ white
Color of coding:		□ white	□ white
Marking of poles:		L, N, PE	L, N, PE
Application:		Mains 250 V	Mains 250 V
	1	92.230.1004.2	92.230.1064.2
	2	92.230.2004.2	92.230.2064.2
	3	92.230.3004.2	92.230.3064.2
	4	92.230.4004.2	
	5	92.230.5004.2	
	6	92.230.6004.2	
	7	92.230.7004.2	
	8	92.230.8004.2	

GST® CLASSIC

Cable assemblies, 3-pole

1 mm², 10 A

Rated voltage:	250V	Lockable:	Yes
Rated current:	10 A	Preparation of conductor ends:	Ultrasonically compressed wire ends
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV
Pollution degree:	2		

Connection cable, male - free end

H05VV-F  
halogenated  
Part No.

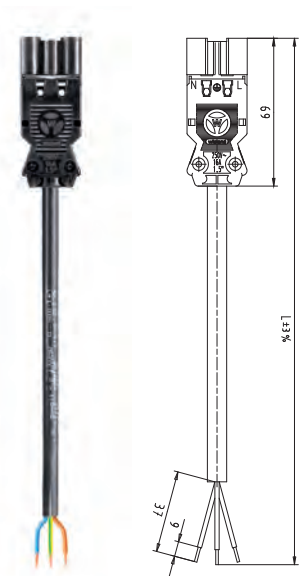
H05Z1Z1-F  
halogen free  
Part No.

Length (m)

Cable color:	■ black	1	92.231.1004.1	■ black	92.231.1064.1
Color of coding:	■ black	2	92.231.2004.1		
Marking of poles:	L, N, PE	3	92.231.3004.1		92.231.3064.1
Application:	Mains 250 V	4	92.231.4004.1		
		5	92.231.5004.1		
		6	92.231.6004.1		
		7	92.231.7004.1		
		8	92.231.8004.1		

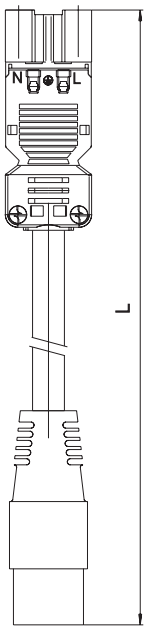
  

Cable color:		1		□ white	92.231.1064.2
Color of coding:	□ white	3			92.231.3064.2
Marking of poles:	L, N, PE				
Application:	Mains 250 V				



Cable assemblies, 3-pole

1 mm², 10 A			
Rated voltage:	250V	Pollution degree:	2
Rated current:	10 A	Lockable:	Yes
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV



Mains connection cable, low-heat device, female - male

		Length (m)	H05VV-F halogenated Part No.
Cable color:	<input type="checkbox"/> white	2	<input type="checkbox"/> white
Color of coding:			99.400.5623.1
Marking of poles:	L, N, PE		
Application:	Mains 250 V		



## Cable assemblies, 3-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V  
 Rated current: 16 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 4 kV

#### Connecting cable, female - male

		H05VV-F halogenated	H05V2V2-F halogenated	H07RN-F halogenated
	Length (m)	Part No.	Part No.	Part No.

Cable color:	■ black	■ black	■ black	■ black
Color of coding:	■ black	92.232.1000.1	92.232.1010.1	G3.032.0102.1
Marking of poles:	L, N, PE	2 92.232.2000.1	92.232.2010.1	G3.032.0202.1
Application:	Mains 250 V	3 92.232.3000.1	92.232.3010.1	G3.032.0302.1
		4 92.232.4000.1	92.232.4010.1	G3.032.0402.1
		5 92.232.5000.1	92.232.5010.1	G3.032.0502.1
		6 92.232.6000.1	92.232.6010.1	G3.032.0602.1
		7 92.232.7000.1	92.232.7010.1	G3.032.0702.1
		8 92.232.8000.1	92.232.8010.1	G3.032.0802.1

Cable color:	□ white	□ white	□ white	■ black
Color of coding:	□ white	1 92.232.1000.2	92.232.1010.2	G3.032.0102.2
Marking of poles:	L, N, PE	2 92.232.2000.2	92.232.2010.2	G3.032.0202.2
Application:	Mains 250 V	3 92.232.3000.2	92.232.3010.2	G3.032.0302.2
		4 92.232.4000.2	92.232.4010.2	
		5 92.232.5000.2	92.232.5010.2	G3.032.0502.2
		6 92.232.6000.2	92.232.6010.2	
		7 92.232.7000.2	92.232.7010.2	
		8 92.232.8000.2	92.232.8010.2	

Cable color:	■ black	■ black	■ black	
Color of coding:	■ black	1 92.232.1000.3	92.232.1010.3	
Marking of poles:	L, N, PE	2 92.232.2000.3	92.232.2010.3	
Application:	UPS 250 V	3 92.232.3000.3	92.232.3010.3	
		4 92.232.4000.3	92.232.4010.3	
		5 92.232.5000.3	92.232.5010.3	
		6 92.232.6000.3	92.232.6010.3	
		7 92.232.7000.3	92.232.7010.3	
		8 92.232.8000.3	92.232.8010.3	

Cable color:	■ black	■ black		
Color of coding:	■ black	1 92.297.1000.0		
Marking of poles:	■ tomato red	2 92.297.2000.0		
Application:	L, N, PE	3 92.297.3000.0		
	UPS 250 V	4 92.297.4000.0		
		5 92.297.5000.0		
		6 92.297.6000.0		
		7 92.297.7000.0		
		8 92.297.8000.0		

Cable color:	■ black	■ black		
Color of coding:	■ black	1 92.232.1000.5	92.232.1010.5	
Marking of poles:	■ salmon pink	2 92.232.2000.5	92.232.2010.5	
Application:	L, N, PE	3 92.232.3000.5	92.232.3010.5	
	Mains 250 V	4 92.232.4000.5	92.232.4010.5	
		5 92.232.5000.5	92.232.5010.5	
		6 92.232.6000.5	92.232.6010.5	
		7 92.232.7000.5	92.232.7010.5	
		8 92.232.8000.5	92.232.8010.5	

Cable color:	■ black	■ black		
Color of coding:	■ black	1 92.232.1000.4		
Marking of poles:	■ brown	2 92.232.2000.4		
Application:	1, 2, 3	3 92.232.3000.4		
	Switch function	4 92.232.4000.4		
	250 V	5 92.232.5000.4		
		6 92.232.6000.4		
		7 92.232.7000.4		
		8 92.232.8000.4		

Cable color:	■ black	■ black		
Color of coding:	■ black	1 92.297.1000.7		
Marking of poles:	■ may green	2 92.297.2000.7		
Application:	1, PE, 2/N	3 92.297.3000.7		
	Acc. to customer	4 92.297.4000.7		
	requirements (with	5 92.297.5000.7		
	PE)	6 92.297.6000.7		
		7 92.297.7000.7		
		8 92.297.8000.7		

## Cable assemblies, 3-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V  
 Rated current: 16 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 4 kV

#### Connecting cable, female - male

##### H05Z1Z1-F

Halogen free

##### RZ1 0.6/1kV

halogen free

Length (m)

Part No.

Part No.

Cable color: ■ black  
 Color of coding: ■ black  
 Marking of poles: L, N, PE  
 Application: Mains 250 V

1	92.232.1060.1	G2.232.1060.1
2	92.232.2060.1	G2.232.2060.1
3	92.232.3060.1	G2.232.3060.1
4	92.232.4060.1	G2.232.4060.1
5	92.232.5060.1	G2.232.5060.1
6	92.232.6060.1	G2.232.6060.1
7	92.232.7060.1	G2.232.7060.1
8	92.232.8060.1	G2.232.8060.1

Cable color: □ white  
 Color of coding: □ white  
 Marking of poles: L, N, PE  
 Application: Mains 250 V

1	92.232.1060.2	G2.232.1060.2
2	92.232.2060.2	G2.232.2060.2
3	92.232.3060.2	G2.232.3060.2
4	92.232.4060.2	G2.232.4060.2
5	92.232.5060.2	G2.232.5060.2
6	92.232.6060.2	G2.232.6060.2
7	92.232.7060.2	G2.232.7060.2
8	92.232.8060.2	G2.232.8060.2

Cable color: ■ pebble gray  
 Color of coding: ■ pebble gray  
 Marking of poles: L, N, PE  
 Application: UPS 250 V

1	92.232.1060.3	
2	92.232.2060.3	
3	92.232.3060.3	
4	92.232.4060.3	
5	92.232.5060.3	
6	92.232.6060.3	
7	92.232.7060.3	
8	92.232.8060.3	

Cable color: ■ black  
 Color of coding: ■ tomato red  
 Marking of poles: L, N, PE  
 Application: UPS 250 V

1	92.297.1060.0	
2	92.297.2060.0	
3	92.297.3060.0	
4	92.297.4060.0	
5	92.297.5060.0	
6	92.297.6060.0	
7	92.297.7060.0	
8	92.297.8060.0	

Cable color: ■ black  
 Color of coding: ■ salmon pink  
 Marking of poles: L, N, PE  
 Application: Mains 250 V

1	92.232.1060.5	
2	92.232.2060.5	
3	92.232.3060.5	
4	92.232.4060.5	
5	92.232.5060.5	
6	92.232.6060.5	
7	92.232.7060.5	
8	92.232.8060.5	

Cable color: ■ black  
 Color of coding: ■ brown  
 Marking of poles: 1, 2, 3  
 Application: Switch function  
 250 V

1	92.232.1060.4	
2	92.232.2060.4	
3	92.232.3060.4	
4	92.232.4060.4	
5	92.232.5060.4	
6	92.232.6060.4	
7	92.232.7060.4	
8	92.232.8060.4	

Cable color: ■ black  
 Color of coding: ■ may green  
 Marking of poles: 1, PE, 2/N  
 Application: Acc. to customer  
 requirements (with  
 PE)

1	92.297.1060.7	
2	92.297.2060.7	
3	92.297.3060.7	
4	92.297.4060.7	
5	92.297.5060.7	
6	92.297.6060.7	
7	92.297.7060.7	
8	92.297.8060.7	

## Cable assemblies, 3-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V  
 Rated current: 16 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV

#### Connection cable, female - free end

	H05VV-F halogenated	H05V2V2-F halogenated	H07RN-F halogenated
Length (m)	Part No.	Part No.	Part No.

Cable color:	■ black	■ black	■ black
Color of coding:	■ black		
Marking of poles:	L, N, PE		
Application:	Mains 250 V		
	1	92.232.1003.1	92.232.1013.1
	2	92.232.2003.1	92.232.2013.1
	3	92.232.3003.1	92.232.3013.1
	4	92.232.4003.1	92.232.4013.1
	5	92.232.5003.1	92.232.5013.1
	6	92.232.6003.1	92.232.6013.1
	7	92.232.7003.1	92.232.7013.1
	8	92.232.8003.1	92.232.8013.1

Cable color:	□ white	□ white	■ black
Color of coding:	□ white		
Marking of poles:	L, N, PE		
Application:	Mains 250 V		
	1	92.232.1003.2	92.232.1013.2
	2	92.232.2003.2	92.232.2013.2
	3	92.232.3003.2	92.232.3013.2
	4	92.232.4003.2	92.232.4013.2
	5	92.232.5003.2	92.232.5013.2
	6	92.232.6003.2	92.232.6013.2
	7	92.232.7003.2	92.232.7013.2
	8	92.232.8003.2	92.232.8013.2

Cable color:	■ black	■ black	
Color of coding:	■ black		
Marking of poles:	L, N, PE		
Application:	UPS 250 V		
	1	92.232.1003.3	92.232.1013.3
	2	92.232.2003.3	92.232.2013.3
	3	92.232.3003.3	92.232.3013.3
	4	92.232.4003.3	92.232.4013.3
	5	92.232.5003.3	92.232.5013.3
	6	92.232.6003.3	92.232.6013.3
	7	92.232.7003.3	92.232.7013.3
	8	92.232.8003.3	92.232.8013.3

Cable color:	■ black		
Color of coding:	■ black		
Marking of poles:	L, N, PE		
Application:	UPS 250 V		
	1	92.297.1003.0	
	2	92.297.2003.0	
	3	92.297.3003.0	
	4	92.297.4003.0	
	5	92.297.5003.0	
	6	92.297.6003.0	
	7	92.297.7003.0	
	8	92.297.8003.0	

Cable color:	■ black	■ black	
Color of coding:	■ black		
Marking of poles:	L, N, PE		
Application:	Mains 250 V		
	1	92.232.1003.5	92.232.1013.5
	2	92.232.2003.5	92.232.2013.5
	3	92.232.3003.5	92.232.3013.5
	4	92.232.4003.5	92.232.4013.5
	5	92.232.5003.5	92.232.5013.5
	6	92.232.6003.5	92.232.6013.5
	7	92.232.7003.5	92.232.7013.5
	8	92.232.8003.5	92.232.8013.5

Cable color:	■ black		
Color of coding:	■ black		
Marking of poles:	1, 2, 3		
Application:	Switch function 250 V		
	1	92.232.1003.4	
	2	92.232.2003.4	
	3	92.232.3003.4	
	4	92.232.4003.4	
	5	92.232.5003.4	
	6	92.232.6003.4	
	7	92.232.7003.4	
	8	92.232.8003.4	

Cable color:	■ black		
Color of coding:	■ black		
Marking of poles:	1, PE, 2/N		
Application:	Acc. to customer requirements (with PE)		
	1	92.297.1003.7	
	2	92.297.2003.7	
	3	92.297.3003.7	
	4	92.297.4003.7	
	5	92.297.5003.7	
	6	92.297.6003.7	
	7	92.297.7003.7	
	8	92.297.8003.7	

# Cable assemblies, 3-pole

## 1.5 mm<sup>2</sup>, 16 A

Rated voltage:	250V	Lockable:	Yes
Rated current:	16 A	Preparation of conductor ends:	Ultrasonically compressed wire ends
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV
Pollution degree:	2		

### Connection cable, female - free end

#### H05Z1Z1-F

Halogen free

#### RZ1 0.6/1kV

halogen free

Length (m)

Part No.

Part No.

Cable color:	■ black	1	92.232.1063.1	■ black	92.232.1063.1
Color of coding:	■ black	2	92.232.2063.1	■ black	G2.232.2063.1
Marking of poles:	L, N, PE	3	92.232.3063.1	■ black	G2.232.3063.1
Application:	Mains 250 V	4	92.232.4063.1	■ black	G2.232.4063.1
		5	92.232.5063.1	■ black	G2.232.5063.1
		6	92.232.6063.1	■ black	G2.232.6063.1
		7	92.232.7063.1		
		8	92.232.8063.1		

Cable color:	□ white	1	92.232.1063.2	□ white	G2.232.1063.2
Color of coding:	□ white	2	92.232.2063.2	□ white	G2.232.2063.2
Marking of poles:	L, N, PE	3	92.232.3063.2	□ white	G2.232.3063.2
Application:	Mains 250 V	4	92.232.4063.2	□ white	G2.232.4063.2
		5	92.232.5063.2	□ white	G2.232.5063.2
		6	92.232.6063.2	□ white	G2.232.6063.2
		7	92.232.7063.2		
		8	92.232.8063.2		

Cable color:	■ black	1	92.232.1063.3	■ black	92.232.1063.3
Color of coding:	■ black	2	92.232.2063.3	■ black	92.232.2063.3
Marking of poles:	L, N, PE	3	92.232.3063.3	■ black	92.232.3063.3
Application:	UPS 250 V	4	92.232.4063.3	■ black	92.232.4063.3
		5	92.232.5063.3	■ black	92.232.5063.3
		6	92.232.6063.3	■ black	92.232.6063.3
		7	92.232.7063.3	■ black	92.232.7063.3
		8	92.232.8063.3	■ black	92.232.8063.3

Cable color:	■ black	1	92.297.1063.0	■ black	92.297.1063.0
Color of coding:	■ black	2	92.297.2063.0	■ black	92.297.2063.0
Marking of poles:	L, N, PE	3	92.297.3063.0	■ black	92.297.3063.0
Application:	UPS 250 V	4	92.297.4063.0	■ black	92.297.4063.0
		5	92.297.5063.0	■ black	92.297.5063.0
		6	92.297.6063.0	■ black	92.297.6063.0
		7	92.297.7063.0	■ black	92.297.7063.0
		8	92.297.8063.0	■ black	92.297.8063.0

Cable color:	■ black	1	92.232.1063.5	■ black	92.232.1063.5
Color of coding:	■ black	2	92.232.2063.5	■ black	92.232.2063.5
Marking of poles:	L, N, PE	3	92.232.3063.5	■ black	92.232.3063.5
Application:	Mains 250 V	4	92.232.4063.5	■ black	92.232.4063.5
		5	92.232.5063.5	■ black	92.232.5063.5
		6	92.232.6063.5	■ black	92.232.6063.5
		7	92.232.7063.5	■ black	92.232.7063.5
		8	92.232.8063.5	■ black	92.232.8063.5

Cable color:	■ black	1	92.232.1063.4	■ black	92.232.1063.4
Color of coding:	■ black	2	92.232.2063.4	■ black	92.232.2063.4
Marking of poles:	1, 2, 3	3	92.232.3063.4	■ black	92.232.3063.4
Application:	Switch function	4	92.232.4063.4	■ black	92.232.4063.4
	250 V	5	92.232.5063.4	■ black	92.232.5063.4
		6	92.232.6063.4	■ black	92.232.6063.4
		7	92.232.7063.4	■ black	92.232.7063.4
		8	92.232.8063.4	■ black	92.232.8063.4

Cable color:	■ black	1	92.297.1063.7	■ black	92.297.1063.7
Color of coding:	■ black	2	92.297.2063.7	■ black	92.297.2063.7
Marking of poles:	1, PE, 2/N	3	92.297.3063.7	■ black	92.297.3063.7
Application:	Acc. to customer	4	92.297.4063.7	■ black	92.297.4063.7
	requirements (with	5	92.297.5063.7	■ black	92.297.5063.7
	PE)	6	92.297.6063.7	■ black	92.297.6063.7
		7	92.297.7063.7	■ black	92.297.7063.7
		8	92.297.8063.7	■ black	92.297.8063.7



## Cable assemblies, 3-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V  
 Rated current: 16 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV

#### Connection cable, male - free end

	H05VV-F halogenated	H05V2V2-F halogenated	H07RN-F halogenated
Length (m)	Part No.	Part No.	Part No.

Cable color:	■ black	■ black	■ black
Color of coding:	■ black		
Marking of poles:	L, N, PE		
Application:	Mains 250 V		
	1	92.232.1004.1	92.232.1014.1
	2	92.232.2004.1	92.232.2014.1
	3	92.232.3004.1	92.232.3014.1
	4	92.232.4004.1	92.232.4014.1
	5	92.232.5004.1	92.232.5014.1
	6	92.232.6004.1	92.232.6014.1
	7	92.232.7004.1	92.232.7014.1
	8	92.232.8004.1	92.232.8014.1
			G3.432.0102.1
			G3.432.0202.1
			G3.432.0302.1
			G3.432.0402.1
			G3.432.0502.1
			G3.432.0602.1

Cable color:	□ white	□ white	■ black
Color of coding:	□ white		
Marking of poles:	L, N, PE		
Application:	Mains 250 V		
	1	92.232.1004.2	92.232.1014.2
	2	92.232.2004.2	92.232.2014.2
	3	92.232.3004.2	92.232.3014.2
	4	92.232.4004.2	92.232.4014.2
	5	92.232.5004.2	92.232.5014.2
	6	92.232.6004.2	92.232.6014.2
	7	92.232.7004.2	92.232.7014.2
	8	92.232.8004.2	92.232.8014.2
			G3.432.0102.2
			G3.432.0302.2

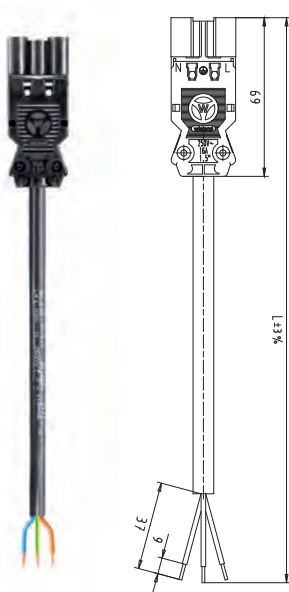
Cable color:	■ black	■ black	
Color of coding:	■ black		
Marking of poles:	L, N, PE		
Application:	UPS 250 V		
	1	92.232.1004.3	92.232.1014.3
	2	92.232.2004.3	92.232.2014.3
	3	92.232.3004.3	92.232.3014.3
	4	92.232.4004.3	92.232.4014.3
	5	92.232.5004.3	92.232.5014.3
	6	92.232.6004.3	92.232.6014.3
	7	92.232.7004.3	92.232.7014.3
	8	92.232.8004.3	92.232.8014.3

Cable color:	■ black		
Color of coding:	■ black		
Marking of poles:	L, N, PE		
Application:	UPS 250 V		
	1	92.297.1004.0	
	2	92.297.2004.0	
	3	92.297.3004.0	
	4	92.297.4004.0	
	5	92.297.5004.0	
	6	92.297.6004.0	
	7	92.297.7004.0	
	8	92.297.8004.0	

Cable color:	■ black	■ black	
Color of coding:	■ black		
Marking of poles:	L, N, PE		
Application:	Mains 250 V		
	1	92.232.1004.5	92.232.1014.5
	2	92.232.2004.5	92.232.2014.5
	3	92.232.3004.5	92.232.3014.5
	4	92.232.4004.5	92.232.4014.5
	5	92.232.5004.5	92.232.5014.5
	6	92.232.6004.5	92.232.6014.5
	7	92.232.7004.5	92.232.7014.5
	8	92.232.8004.5	92.232.8014.5

Cable color:	■ black		
Color of coding:	■ black		
Marking of poles:	1, 2, 3		
Application:	Switch function 250 V		
	1	92.232.1004.4	
	2	92.232.2004.4	
	3	92.232.3004.4	
	4	92.232.4004.4	
	5	92.232.5004.4	
	6	92.232.6004.4	
	7	92.232.7004.4	
	8	92.232.8004.4	

Cable color:	■ black		
Color of coding:	■ black		
Marking of poles:	1, PE, 2/N		
Application:	Acc. to customer requirements (with PE)		
	1	92.297.1004.7	
	2	92.297.2004.7	
	3	92.297.3004.7	
	4	92.297.4004.7	
	5	92.297.5004.7	
	6	92.297.6004.7	
	7	92.297.7004.7	
	8	92.297.8004.7	



# Cable assemblies, 3-pole

## 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V  
 Rated current: 16 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV

### Connection cable, male - free end

#### H05Z1Z1-F

halogen free

#### RZ1 0.6/1kV

halogen free

Length (m)

Part No.

Part No.

Cable color:	■ black	1	92.232.1064.1	■ black	92.232.1064.1
Color of coding:	■ black	2	92.232.2064.1	■ black	G2.232.2064.1
Marking of poles:	L, N, PE	3	92.232.3064.1	■ black	G2.232.3064.1
Application:	Mains 250 V	4	92.232.4064.1	■ black	G2.232.4064.1
		5	92.232.5064.1	■ black	G2.232.5064.1
		6	92.232.6064.1	■ black	G2.232.6064.1
		7	92.232.7064.1	■ black	G2.232.7064.1
		8	92.232.8064.1	■ black	G2.232.8064.1

Cable color:	□ white	1	92.232.1064.2	□ white	G2.232.1064.2
Color of coding:	□ white	2	92.232.2064.2	□ white	G2.232.2064.2
Marking of poles:	L, N, PE	3	92.232.3064.2	□ white	G2.232.3064.2
Application:	Mains 250 V	4	92.232.4064.2	□ white	G2.232.4064.2
		5	92.232.5064.2	□ white	G2.232.5064.2
		6	92.232.6064.2	□ white	G2.232.6064.2
		7	92.232.7064.2	□ white	G2.232.7064.2
		8	92.232.8064.2	□ white	G2.232.8064.2

Cable color:	■ black	1	92.232.1064.3	■ black	92.232.1064.3
Color of coding:	■ black	2	92.232.2064.3	■ black	92.232.2064.3
Marking of poles:	L, N, PE	3	92.232.3064.3	■ black	92.232.3064.3
Application:	UPS 250 V	4	92.232.4064.3	■ black	92.232.4064.3
		5	92.232.5064.3	■ black	92.232.5064.3
		6	92.232.6064.3	■ black	92.232.6064.3
		7	92.232.7064.3	■ black	92.232.7064.3
		8	92.232.8064.3	■ black	92.232.8064.3

Cable color:	■ black	1	92.297.1064.0	■ black	92.297.1064.0
Color of coding:	■ black	2	92.297.2064.0	■ black	92.297.2064.0
Marking of poles:	■ tomato red	3	92.297.3064.0	■ black	92.297.3064.0
Application:	L, N, PE	4	92.297.4064.0	■ black	92.297.4064.0
	UPS 250 V	5	92.297.5064.0	■ black	92.297.5064.0
		6	92.297.6064.0	■ black	92.297.6064.0
		7	92.297.7064.0	■ black	92.297.7064.0
		8	92.297.8064.0	■ black	92.297.8064.0

Cable color:	■ black	1	92.232.1064.5	■ black	92.232.1064.5
Color of coding:	■ black	2	92.232.2064.5	■ black	92.232.2064.5
Marking of poles:	■ salmon pink	3	92.232.3064.5	■ black	92.232.3064.5
Application:	L, N, PE	4	92.232.4064.5	■ black	92.232.4064.5
	Mains 250 V	5	92.232.5064.5	■ black	92.232.5064.5
		6	92.232.6064.5	■ black	92.232.6064.5
		7	92.232.7064.5	■ black	92.232.7064.5
		8	92.232.8064.5	■ black	92.232.8064.5

Cable color:	■ black	1	92.232.1064.4	■ black	92.232.1064.4
Color of coding:	■ black	2	92.232.2064.4	■ black	92.232.2064.4
Marking of poles:	■ brown	3	92.232.3064.4	■ black	92.232.3064.4
Application:	1, 2, 3	4	92.232.4064.4	■ black	92.232.4064.4
	Switch function	5	92.232.5064.4	■ black	92.232.5064.4
	250 V	6	92.232.6064.4	■ black	92.232.6064.4
		7	92.232.7064.4	■ black	92.232.7064.4
		8	92.232.8064.4	■ black	92.232.8064.4

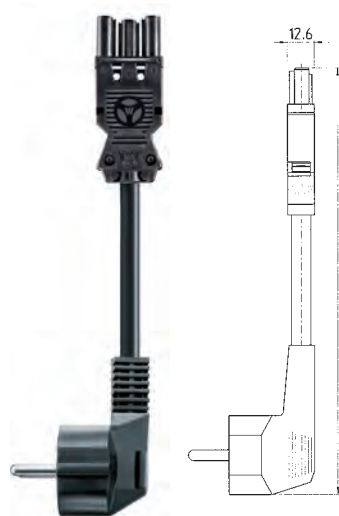
Cable color:	■ black	1	92.297.1064.7	■ black	92.297.1064.7
Color of coding:	■ black	2	92.297.2064.7	■ black	92.297.2064.7
Marking of poles:	■ may green	3	92.297.3064.7	■ black	92.297.3064.7
Application:	1, PE, 2/N	4	92.297.4064.7	■ black	92.297.4064.7
	Acc. to customer	5	92.297.5064.7	■ black	92.297.5064.7
	requirements (with	6	92.297.6064.7	■ black	92.297.6064.7
	PE)	7	92.297.7064.7	■ black	92.297.7064.7
		8	92.297.8064.7	■ black	92.297.8064.7

## Cable assemblies, 3-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V  
 Rated current: 16 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 4 kV



#### Mains connection cable, female - male CEE 7/4

**H05VV-F**  
 halogenated  
 Part No.

Length (m)

Cable color:	■ black	1	92.232.1007.1
Color of coding:	■ black	2	92.232.2007.1
Marking of poles:	L, N, PE	3	92.232.3007.1
Application:	Mains 250 V	4	92.232.4007.1
		5	92.232.5007.1
		6	92.232.6007.1
		7	92.232.7007.1
		8	92.232.8007.1

Cable color:	□ white	1	92.232.1007.2
Color of coding:	□ white	2	92.232.2007.2
Marking of poles:	L, N, PE	3	92.232.3007.2
Application:	Mains 250 V	4	92.232.4007.2
		5	92.232.5007.2
		6	92.232.6007.2
		7	92.232.7007.2
		8	92.232.8007.2

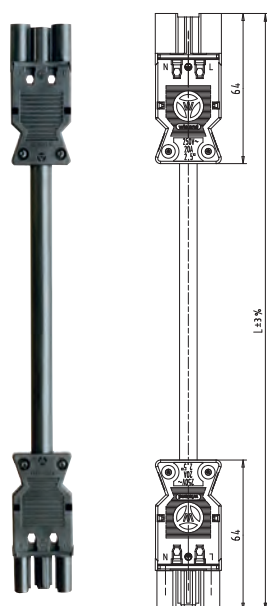
Cable color:	■ black	2	92.232.2007.5
Color of coding:	■ black	3	92.232.3007.5
Marking of poles:	L, N, PE		
Application:	Mains 250 V		

## Cable assemblies, 3-pole

### 2.5 mm<sup>2</sup>, 20 A

Rated voltage: 250V  
 Rated current: 20 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 4 kV



#### Connecting cable, female - male

		H05VV-F halogenated	H05V2V2-F halogenated	H07RN-F halogenated
	Length (m)	Part No.	Part No.	Part No.
Cable color: ■ black Color of coding: ■ black Marking of poles: L, N, PE Application: Mains 250 V	1	92.238.1000.1	92.238.1010.1	G3.032.0103.1
	2	92.238.2000.1	92.238.2010.1	G3.032.0203.1
	3	92.238.3000.1	92.238.3010.1	G3.032.0303.1
	4	92.238.4000.1	92.238.4010.1	G3.032.0403.1
	5	92.238.5000.1	92.238.5010.1	G3.032.0503.1
	6	92.238.6000.1	92.238.6010.1	G3.032.0603.1
	7	92.238.7000.1	92.238.7010.1	G3.032.0703.1
	8	92.238.8000.1	92.238.8010.1	G3.032.0803.1
Cable color: □ white Color of coding: □ white Marking of poles: L, N, PE Application: Mains 250 V	1	92.238.1000.2	92.238.1010.2	G3.032.0103.2
	2	92.238.2000.2	92.238.2010.2	G3.032.0203.2
	3	92.238.3000.2	92.238.3010.2	G3.032.0303.2
	4	92.238.4000.2	92.238.4010.2	G3.032.0403.2
	5	92.238.5000.2	92.238.5010.2	G3.032.0503.2
	6	92.238.6000.2	92.238.6010.2	G3.032.0603.2
	7	92.238.7000.2	92.238.7010.2	G3.032.0703.2
	8	92.238.8000.2	92.238.8010.2	G3.032.0803.2
Cable color: ■ pebble gray Color of coding: ■ pebble gray Marking of poles: L, N, PE Application: UPS 250 V	1	92.238.1000.3	92.238.1010.3	
	2	92.238.2000.3	92.238.2010.3	
	3	92.238.3000.3	92.238.3010.3	
	4	92.238.4000.3	92.238.4010.3	
	5	92.238.5000.3	92.238.5010.3	
	6	92.238.6000.3	92.238.6010.3	
	7	92.238.7000.3	92.238.7010.3	
	8	92.238.8000.3	92.238.8010.3	
Cable color: ■ salmon pink Color of coding: ■ salmon pink Marking of poles: L, N, PE Application: Mains 250 V	1	92.238.1000.5	92.238.1010.5	
	2	92.238.2000.5	92.238.2010.5	
	3	92.238.3000.5	92.238.3010.5	
	4	92.238.4000.5	92.238.4010.5	
	5	92.238.5000.5	92.238.5010.5	
	6	92.238.6000.5	92.238.6010.5	
	7	92.238.7000.5	92.238.7010.5	
	8	92.238.8000.5	92.238.8010.5	
Cable color: ■ brown Color of coding: ■ brown Marking of poles: 1, 2, 3 Application: Switch function 250 V	1	92.238.1000.4		
	2	92.238.2000.4		
	3	92.238.3000.4		
	4	92.238.4000.4		
	5	92.238.5000.4		
	6	92.238.6000.4		
	7	92.238.7000.4		
	8	92.238.8000.4		

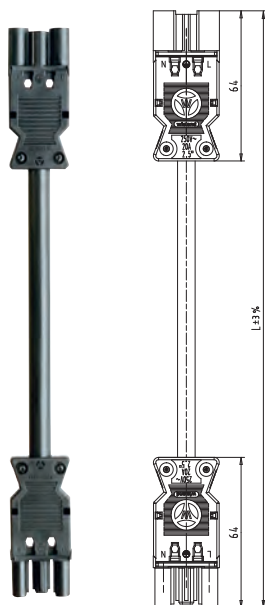


## Cable assemblies, 3-pole

### 2.5 mm<sup>2</sup>, 20 A

Rated voltage: 250V  
 Rated current: 20 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 4 kV



#### Connecting cable, female - male

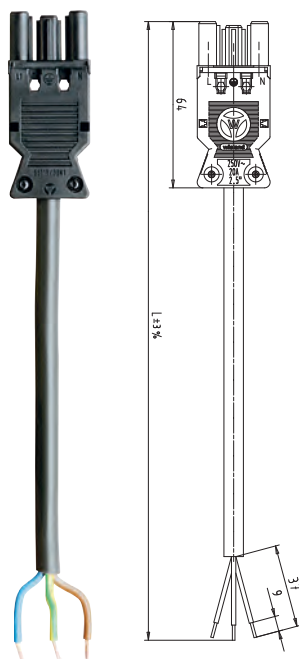
		H05Z1Z1-F halogen free	RZ1 0.6/1kV halogen free
	Length (m)	Part No.	Part No.
Cable color: ■ black Color of coding: ■ black Marking of poles: L, N, PE Application: Mains 250 V	1	92.238.1060.1	G2.238.1060.1
	2	92.238.2060.1	G2.238.2060.1
	3	92.238.3060.1	G2.238.3060.1
	4	92.238.4060.1	G2.238.4060.1
	5	92.238.5060.1	G2.238.5060.1
	6	92.238.6060.1	G2.238.6060.1
	7	92.238.7060.1	G2.238.7060.1
	8	92.238.8060.1	G2.238.8060.1
Cable color: □ white Color of coding: □ white Marking of poles: L, N, PE Application: Mains 250 V	1	92.238.1060.2	G2.238.1060.2
	2	92.238.2060.2	G2.238.2060.2
	3	92.238.3060.2	G2.238.3060.2
	4	92.238.4060.2	G2.238.4060.2
	5	92.238.5060.2	G2.238.5060.2
	6	92.238.6060.2	G2.238.6060.2
	7	92.238.7060.2	G2.238.7060.2
	8	92.238.8060.2	G2.238.8060.2
Cable color: ■ black Color of coding: ■ pebble gray Marking of poles: L, N, PE Application: UPS 250 V	1	92.238.1060.3	
	2	92.238.2060.3	
	3	92.238.3060.3	
	4	92.238.4060.3	
	5	92.238.5060.3	
	6	92.238.6060.3	
	7	92.238.7060.3	
	8	92.238.8060.3	
Cable color: ■ black Color of coding: ■ tomato red Marking of poles: L, N, PE Application: UPS 250 V	4	92.298.4060.0	
Cable color: ■ black Color of coding: ■ salmon pink Marking of poles: L, N, PE Application: Mains 250 V	1	92.238.1060.5	
	2	92.238.2060.5	
	3	92.238.3060.5	
	4	92.238.4060.5	
	5	92.238.5060.5	
	6	92.238.6060.5	
	7	92.238.7060.5	
	8	92.238.8060.5	
Cable color: ■ black Color of coding: ■ brown Marking of poles: 1, 2, 3 Application: Switch function 250 V	1	92.238.1060.4	
	2	92.238.2060.4	
	3	92.238.3060.4	
	4	92.238.4060.4	
	5	92.238.5060.4	
	6	92.238.6060.4	
	7	92.238.7060.4	
	8	92.238.8060.4	
Cable color: ■ black Color of coding: ■ may green Marking of poles: 1, PE, 2/N Application: Acc. to customer requirements (with PE)	1	92.298.1060.7	
	2	92.298.2060.7	
	3	92.298.3060.7	
	4	92.298.4060.7	
	5	92.298.5060.7	
	6	92.298.6060.7	
	7	92.298.7060.7	
	8	92.298.8060.7	

## Cable assemblies, 3-pole

### 2.5 mm<sup>2</sup>, 20 A

Rated voltage: 250V  
 Rated current: 20 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV



#### Connection cable, female - free end

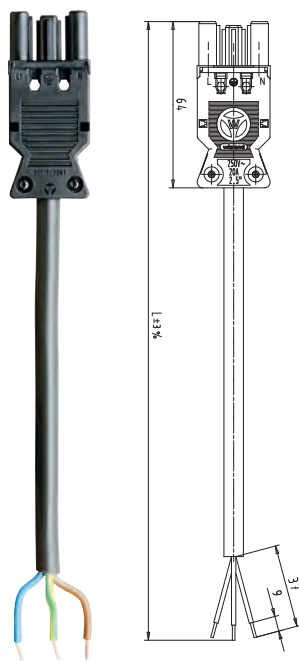
		H05VV-F halogenated	H05V2V2-F halogenated	H07RN-F halogenated
	Length (m)	Part No.	Part No.	Part No.
Cable color: ■ black Color of coding: ■ black Marking of poles: L, N, PE Application: Mains 250 V	1	92.238.1003.1	92.238.1013.1	G3.332.0103.1
	2	92.238.2003.1	92.238.2013.1	G3.332.0203.1
	3	92.238.3003.1	92.238.3013.1	G3.332.0303.1
	4	92.238.4003.1	92.238.4013.1	G3.332.0403.1
	5	92.238.5003.1	92.238.5013.1	G3.332.0503.1
	6	92.238.6003.1	92.238.6013.1	
	7	92.238.7003.1	92.238.7013.1	G3.332.0703.1
	8	92.238.8003.1	92.238.8013.1	G3.332.0803.1
Cable color: □ white Color of coding: □ white Marking of poles: L, N, PE Application: Mains 250 V	1	92.238.1003.2	92.238.1013.2	G3.332.0103.2
	2	92.238.2003.2	92.238.2013.2	G3.332.0203.2
	3	92.238.3003.2	92.238.3013.2	G3.332.0303.2
	4	92.238.4003.2	92.238.4013.2	
	5	92.238.5003.2	92.238.5013.2	G3.332.0503.2
	6	92.238.6003.2	92.238.6013.2	
	7	92.238.7003.2	92.238.7013.2	G3.332.0703.2
	8	92.238.8003.2	92.238.8013.2	
Cable color: ■ black Color of coding: ■ black Marking of poles: L, N, PE Application: UPS 250 V	1	92.238.1003.3	92.238.1013.3	
	2	92.238.2003.3	92.238.2013.3	
	3	92.238.3003.3	92.238.3013.3	
	4	92.238.4003.3	92.238.4013.3	
	5	92.238.5003.3	92.238.5013.3	
	6	92.238.6003.3	92.238.6013.3	
	7	92.238.7003.3	92.238.7013.3	
	8	92.238.8003.3	92.238.8013.3	
Cable color: ■ black Color of coding: ■ black Marking of poles: L, N, PE Application: Mains 250 V	1	92.238.1003.5	92.238.1013.5	
	2	92.238.2003.5	92.238.2013.5	
	3	92.238.3003.5	92.238.3013.5	
	4	92.238.4003.5	92.238.4013.5	
	5	92.238.5003.5	92.238.5013.5	
	6	92.238.6003.5	92.238.6013.5	
	7	92.238.7003.5	92.238.7013.5	
	8	92.238.8003.5	92.238.8013.5	
Cable color: ■ brown Color of coding: ■ brown Marking of poles: 1, 2, 3 Application: Switch function 250 V	1	92.238.1003.4		
	2	92.238.2003.4		
	3	92.238.3003.4		
	4	92.238.4003.4		
	5	92.238.5003.4		
	6	92.238.6003.4		
	7	92.238.7003.4		
	8	92.238.8003.4		

## Cable assemblies, 3-pole

### 2.5 mm<sup>2</sup>, 20 A

Rated voltage: 250V  
 Rated current: 20 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV



#### Connection cable, female - free end

#### H05Z1Z1-F

halogen free

#### RZ1 0.6/1kV

halogen free

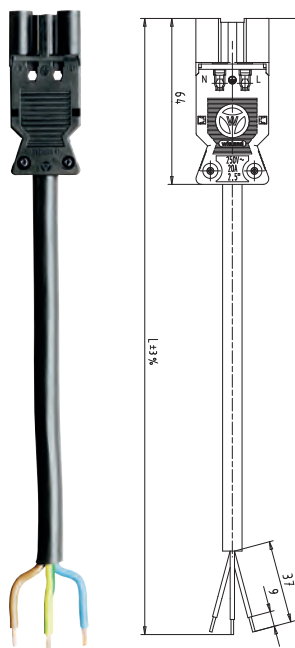
		Length (m)	Part No.	Part No.
Cable color:	■ black		■ black	■ black
Color of coding:	■ black	1	92.238.1063.1	G2.238.1063.1
Marking of poles:	L, N, PE	2	92.238.2063.1	G2.238.2063.1
Application:	Mains 250 V	3	92.238.3063.1	G2.238.3063.1
		4	92.238.4063.1	G2.238.4063.1
		5	92.238.5063.1	G2.238.5063.1
		6	92.238.6063.1	G2.238.6063.1
		7	92.238.7063.1	G2.238.7063.1
		8	92.238.8063.1	G2.238.8063.1
Cable color:	□ white	1	92.238.1063.2	□ white
Color of coding:	□ white	2	92.238.2063.2	G2.238.2063.2
Marking of poles:	L, N, PE	3	92.238.3063.2	G2.238.3063.2
Application:	Mains 250 V	4	92.238.4063.2	G2.238.4063.2
		5	92.238.5063.2	G2.238.5063.2
		6	92.238.6063.2	G2.238.6063.2
		7	92.238.7063.2	G2.238.7063.2
		8	92.238.8063.2	G2.238.8063.2
Cable color:	■ black	1	92.238.1063.3	■ black
Color of coding:	■ black	2	92.238.2063.3	■ black
Marking of poles:	L, N, PE	3	92.238.3063.3	■ black
Application:	UPS 250 V	4	92.238.4063.3	■ black
		5	92.238.5063.3	■ black
		6	92.238.6063.3	■ black
		7	92.238.7063.3	■ black
		8	92.238.8063.3	■ black
Cable color:	■ black	1	92.238.1063.5	■ black
Color of coding:	■ black	2	92.238.2063.5	■ black
Marking of poles:	■ salmon pink	3	92.238.3063.5	■ black
Application:	L, N, PE	4	92.238.4063.5	■ black
	Mains 250 V	5	92.238.5063.5	■ black
		6	92.238.6063.5	■ black
		7	92.238.7063.5	■ black
		8	92.238.8063.5	■ black
Cable color:	■ black	1	92.238.1063.4	■ black
Color of coding:	■ black	2	92.238.2063.4	■ black
Marking of poles:	■ brown	3	92.238.3063.4	■ black
Application:	1, 2, 3	4	92.238.4063.4	■ black
	Switch function	5	92.238.5063.4	■ black
	250 V	6	92.238.6063.4	■ black
		7	92.238.7063.4	■ black
		8	92.238.8063.4	■ black
Cable color:	■ black	1	92.298.1063.7	■ black
Color of coding:	■ black	2	92.298.2063.7	■ black
Marking of poles:	■ may green	3	92.298.3063.7	■ black
Application:	1, PE, 2/N	4	92.298.4063.7	■ black
	Acc. to customer	5	92.298.5063.7	■ black
	requirements (with	6	92.298.6063.7	■ black
	PE)	7	92.298.7063.7	■ black
		8	92.298.8063.7	■ black

## Cable assemblies, 3-pole

### 2.5 mm<sup>2</sup>, 20 A

Rated voltage: 250V  
 Rated current: 20 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV



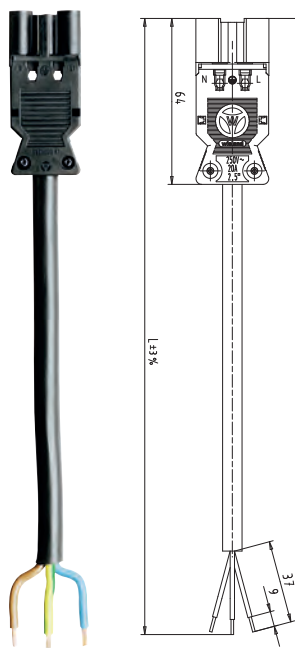
#### Connection cable, male - free end

		H05VV-F halogenated	H05V2V2-F halogenated	H07RN-F halogenated
	Length (m)	Part No.	Part No.	Part No.
Cable color: ■ black Color of coding: ■ black Marking of poles: L, N, PE Application: Mains 250 V	1	92.238.1004.1	92.238.1014.1	G3.432.0103.1
	2	92.238.2004.1	92.238.2014.1	G3.432.0203.1
	3	92.238.3004.1	92.238.3014.1	G3.432.0303.1
	4	92.238.4004.1	92.238.4014.1	G3.432.0403.1
	5	92.238.5004.1	92.238.5014.1	G3.432.0503.1
	6	92.238.6004.1	92.238.6014.1	G3.432.0603.1
	7	92.238.7004.1	92.238.7014.1	G3.432.0703.1
	8	92.238.8004.1	92.238.8014.1	G3.432.0803.1
Cable color: □ white Color of coding: □ white Marking of poles: L, N, PE Application: Mains 250 V	1	92.238.1004.2	92.238.1014.2	G3.432.0103.2
	2	92.238.2004.2	92.238.2014.2	
	3	92.238.3004.2	92.238.3014.2	G3.432.0303.2
	4	92.238.4004.2	92.238.4014.2	G3.432.0403.2
	5	92.238.5004.2	92.238.5014.2	G3.432.0503.2
	6	92.238.6004.2	92.238.6014.2	G3.432.0603.2
	7	92.238.7004.2	92.238.7014.2	G3.432.0703.2
	8	92.238.8004.2	92.238.8014.2	
Cable color: ■ black Color of coding: ■ black Marking of poles: L, N, PE Application: UPS 250 V	1	92.238.1004.3	92.238.1014.3	
	2	92.238.2004.3	92.238.2014.3	
	3	92.238.3004.3	92.238.3014.3	
	4	92.238.4004.3	92.238.4014.3	
	5	92.238.5004.3	92.238.5014.3	
	6	92.238.6004.3	92.238.6014.3	
	7	92.238.7004.3	92.238.7014.3	
	8	92.238.8004.3	92.238.8014.3	
Cable color: ■ black Color of coding: ■ black Marking of poles: L, N, PE Application: Mains 250 V	1	92.238.1004.5	92.238.1014.5	
	2	92.238.2004.5	92.238.2014.5	
	3	92.238.3004.5	92.238.3014.5	
	4	92.238.4004.5	92.238.4014.5	
	5	92.238.5004.5	92.238.5014.5	
	6	92.238.6004.5	92.238.6014.5	
	7	92.238.7004.5	92.238.7014.5	
	8	92.238.8004.5	92.238.8014.5	
Cable color: ■ brown Color of coding: ■ brown Marking of poles: 1, 2, 3 Application: Switch function 250 V	1	92.238.1004.4		
	2	92.238.2004.4		
	3	92.238.3004.4		
	4	92.238.4004.4		
	5	92.238.5004.4		
	6	92.238.6004.4		
	7	92.238.7004.4		
	8	92.238.8004.4		

## Cable assemblies, 3-pole

### 2.5 mm<sup>2</sup>, 20 A

Rated voltage:	250V	Lockable:	Yes
Rated current:	20 A	Preparation of conductor ends:	Ultrasonically compressed wire ends
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV
Pollution degree:	2		



#### Connection cable, male - free end

		H05Z1Z1-F halogen free	RZ1 0.6/1kV halogen free
		Part No.	Part No.
Cable color:		■ black	■ black
Color of coding:	■ black	1 92.238.1064.1	G2.238.1064.1
Marking of poles:	L, N, PE	2 92.238.2064.1	G2.238.2064.1
Application:	Mains 250 V	3 92.238.3064.1	G2.238.3064.1
		4 92.238.4064.1	G2.238.4064.1
		5 92.238.5064.1	G2.238.5064.1
		6 92.238.6064.1	G2.238.6064.1
		7 92.238.7064.1	G2.238.7064.1
		8 92.238.8064.1	G2.238.8064.1
Cable color:		□ white	□ white
Color of coding:	□ white	1 92.238.1064.2	G2.238.1064.2
Marking of poles:	L, N, PE	2 92.238.2064.2	G2.238.2064.2
Application:	Mains 250 V	3 92.238.3064.2	G2.238.3064.2
		4 92.238.4064.2	
		5 92.238.5064.2	
		6 92.238.6064.2	G2.238.6064.2
		7 92.238.7064.2	G2.238.7064.2
		8 92.238.8064.2	
Cable color:		■ black	
Color of coding:	■ pebble gray	1 92.238.1064.3	
Marking of poles:	L, N, PE	2 92.238.2064.3	
Application:	UPS 250 V	3 92.238.3064.3	
		4 92.238.4064.3	
		5 92.238.5064.3	
		6 92.238.6064.3	
		7 92.238.7064.3	
		8 92.238.8064.3	
Cable color:		■ black	
Color of coding:	■ salmon pink	1 92.238.1064.5	
Marking of poles:	L, N, PE	2 92.238.2064.5	
Application:	Mains 250 V	3 92.238.3064.5	
		4 92.238.4064.5	
		5 92.238.5064.5	
		6 92.238.6064.5	
		7 92.238.7064.5	
		8 92.238.8064.5	
Cable color:		■ black	
Color of coding:	■ brown	1 92.238.1064.4	
Marking of poles:	1, 2, 3	2 92.238.2064.4	
Application:	Switch function 250 V	3 92.238.3064.4	
		4 92.238.4064.4	
		5 92.238.5064.4	
		6 92.238.6064.4	
		7 92.238.7064.4	
		8 92.238.8064.4	
Cable color:		■ black	
Color of coding:	■ may green	1 92.298.1064.7	
Marking of poles:	1, PE, 2/N	2 92.298.2064.7	
Application:	Acc. to customer requirements (with PE)	3 92.298.3064.7	
		4 92.298.4064.7	
		5 92.298.5064.7	
		6 92.298.6064.7	
		7 92.298.7064.7	
		8 92.298.8064.7	





## Connector, 4-pole

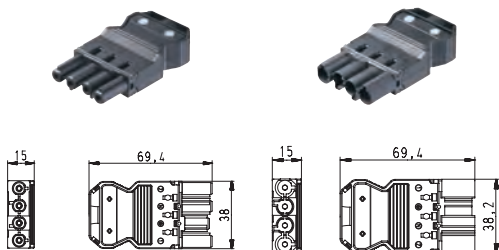
### Screw connection

Rated voltage:	250V/ 400V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1
Lockable:	Yes

Cross section fine-stranded:	0,75 - 2,5mm <sup>2</sup>
Cross section solid:	0,75 - 2,5mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide
for insulation and sheath strip lengths please see technical data	

female

male



### For cables Ø 6.5 - 12 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	2, N, PE, 1	92.943.3053.1	92.944.3053.1
□ white	Mains 250/400 V	2, N, PE, 1	92.943.3053.0	92.944.3053.0
■ pebble gray	UPS 250/400 V	2, N, PE, 1	92.943.3553.0	92.944.3553.0
■ tomato red	UPS 250/400 V	2, N, PE, 1	92.943.3553.5	92.944.3553.5
■ may green	Acc. to customer requirements (with PE)	1, PE, 2/N, 3	92.943.3253.0	92.944.3253.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2/N, 3, 4	92.943.3353.0	92.944.3353.0

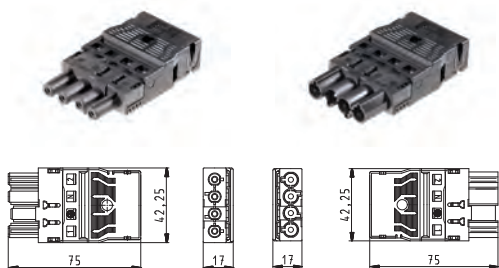
### Spring force

Rated voltage:	250V/ 400V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	2
Lockable:	Yes

Cross section fine-stranded:	0,75 - 1,5mm <sup>2</sup>
Cross section solid:	0,75 - 2,5mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide
for insulation and sheath strip lengths please see technical data	

female

male



### For cables Ø 9.5 - 11.5 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	2, N, PE, 1	92.943.0053.1	92.944.0053.1
□ white	Mains 250/400 V	2, N, PE, 1	92.943.0053.0	92.944.0053.0
■ pebble gray	UPS 250/400 V	2, N, PE, 1	92.943.0153.0	92.944.0153.0
■ tomato red	UPS 250/400 V	2, N, PE, 1	92.943.0153.5	92.944.0153.5
■ may green	Acc. to customer requirements (with PE)	1, PE, 2/N, 3	92.943.0353.0	92.944.0353.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2/N, 3, 4	92.943.0453.0	92.944.0453.0

## Device connectors, 4-pole

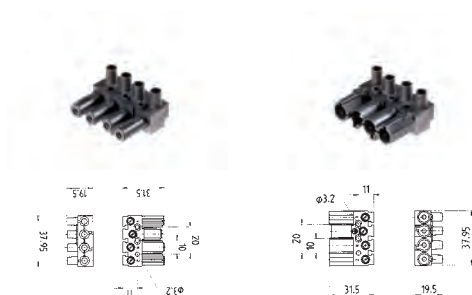
### Built-in component, Screw connection

Rated voltage:	250V/ 400V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1

Lockable:	Yes
Cross section fine-stranded:	0,75 - 4mm <sup>2</sup>
Cross section solid:	0,75 - 4mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male



#### Single screw connection

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	2, N, PE, 1	92.041.3253.1	92.042.3353.1
□ white	Mains 250/400 V	2, N, PE, 1	92.041.3253.0	92.042.3353.0
■ pebble gray	UPS 250/400 V	2, 1, PE, N	92.041.3453.0	92.042.3453.0
■ tomato red	UPS 250/400 V	2, 1, PE, N	92.041.3453.5	92.042.3453.5
■ may green	Acc. to customer requirements (with PE)	1, PE, 2/N, 3	92.041.3553.0	92.042.3553.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2/N, 3, 4	92.041.3953.0	92.042.3953.0

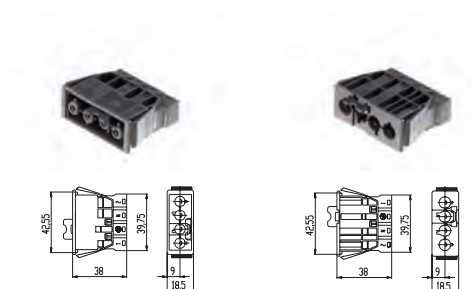
### Snap-in, Spring force

Rated voltage:	250V/ 400V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	2

Lockable:	Yes
Cross section fine-stranded:	0,5 - 1,5mm <sup>2</sup>
Cross section solid:	0,5 - 2,5mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male



#### Housing material thickness 0.5-1.5 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	2, N, PE, 1	92.041.9658.1	92.042.9658.1
□ white	Mains 250/400 V	2, N, PE, 1	92.041.9658.0	92.042.9658.0
■ pebble gray	UPS 250/400 V	2, N, PE, 1	92.041.9758.0	92.042.9758.0
■ tomato red	UPS 250/400 V	2, N, PE, 1	92.041.9758.5	92.042.9758.5
■ may green	Acc. to customer requirements (with PE)	1, PE, 2/N, 3	92.041.8058.0	92.042.8058.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2/N, 3, 4	92.041.8258.0	92.042.8258.0

## Device connectors, 4-pole

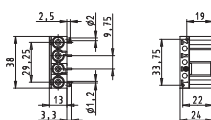
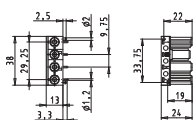
### Solder connector, Soldering connection

Rated voltage:	250V/ 400V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2

Terminations per pole:	1
Lockable:	Yes
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male

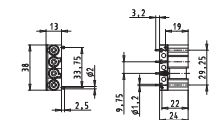
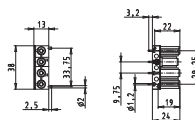


#### horizontal, without fastening flange

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	2, N, PE, 1	92.043.0058.1	92.044.0058.1
□ white	Mains 250/400 V	2, N, PE, 1	92.043.0058.0	92.044.0058.0
■ pebble gray	UPS 250/400 V	2, N, PE, 1	92.043.0158.0	92.044.0158.0
■ tomato red	UPS 250/400 V	2, N, PE, 1	92.043.0158.5	92.044.0158.5

female

male



#### vertical, without fastening flange

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	2, N, PE, 1	92.041.0058.1	92.042.0058.1
□ white	Mains 250/400 V	2, N, PE, 1	92.041.0058.0	92.042.0058.0
■ pebble gray	UPS 250/400 V	2, N, PE, 1	92.041.0158.0	92.042.0158.0

## Distributors

Rated voltage:	250 / 400 V	Degree of protection (IP):	IP20, inserted IP40
Rated current:	20 A	Lockable:	Yes
Rated impulse voltage:	4 kV	Interlock for vertical output has to be ordered separately	

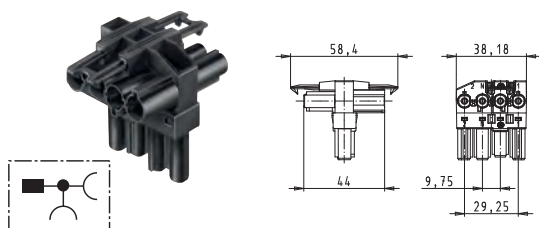
### H distributor

#### 4-pole with option of mounting to 07.413.6853.1

Color of coding	Application	Outputs	Part No.
□ white	Mains 250/400 V	3	92.040.6953.0
■ black	Mains 250/400 V	3	92.040.6953.1
■ pebble gray	UPS 250/400 V	3	92.040.7053.0
■ tomato red	UPS 250/400 V	3	92.040.7053.5
■ turquoise	Acc. to customer requirements (without PE)	3	92.040.7153.0
■ may green	Acc. to customer requirements (with PE)	3	92.040.7253.0

Expected to be available from Q4 2017

### T distributor



#### 4-pole with interlock on both sides on feed-through level

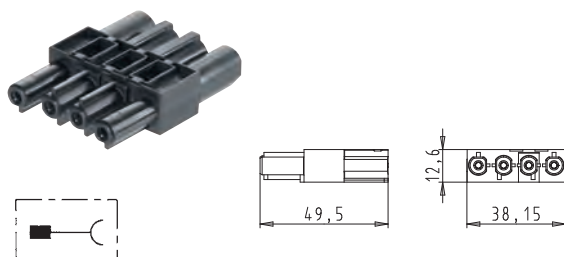
Color of coding	Application	Outputs	Part No.
□ white	Mains 250/400 V	2	92.040.1053.0
■ black	Mains 250/400 V	2	92.040.1053.1
■ pebble gray	UPS 250/400 V	2	92.040.1153.0
■ tomato red	UPS 250/400 V	2	92.040.1153.5

## Intermediate couplings

Rated voltage:	250 / 400 V	Degree of protection (IP):	IP20, inserted IP40
Rated current:	20 A	Interlock:	See Accessories
Rated impulse voltage:	4 kV		

#### 4-pole with locking option

Color	Inputs	Outputs	Part No.
■ black	1, male	1, female	99.453.9910.0



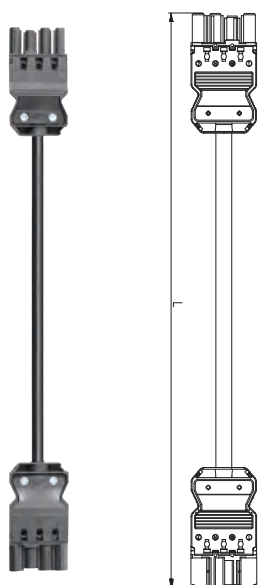


## Cable assemblies, 4-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V/ 400V  
 Rated current: 16 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 4 kV



#### Connecting cable, female - male

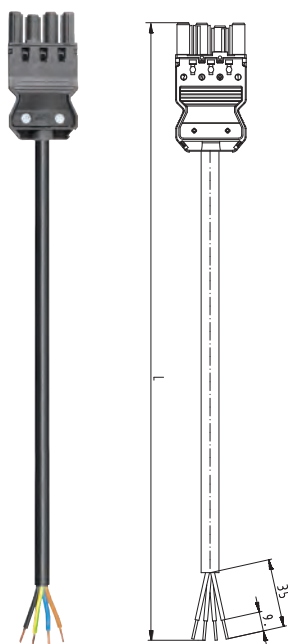
			H05VV-F halogenated	H05V2V2-F halogenated	H05Z1Z1-F halogen free
		Length (m)	Part No.	Part No.	Part No.
Cable color: <span style="color: black;">■</span> black Color of coding: <span style="color: black;">■</span> black Marking of poles: 2, N, PE, 1 Application: Mains 250/400 V		1	92.207.1000.1		92.207.1060.1
		2	92.207.2000.1	92.207.2010.1	92.207.2060.1
		3	92.207.3000.1	92.207.3010.1	92.207.3060.1
		4	92.207.4000.1	92.207.4010.1	92.207.4060.1
		5	92.207.5000.1	92.207.5010.1	92.207.5060.1
		6	92.207.6000.1		92.207.6060.1
		7	92.207.7000.1		92.207.7060.1
		8	92.207.8000.1		92.207.8060.1
Cable color: <span style="color: white;">□</span> white Color of coding: <span style="color: white;">□</span> white Marking of poles: 2, N, PE, 1 Application: Mains 250/400 V		1	92.207.1000.2		92.207.1060.2
		2	92.207.2000.2		92.207.2060.2
		3	92.207.3000.2		92.207.3060.2
		4	92.207.4000.2		92.207.4060.2
		5	92.207.5000.2		92.207.5060.2
		6	92.207.6000.2		92.207.6060.2
		7	92.207.7000.2		92.207.7060.2
		8	92.207.8000.2		92.207.8060.2
Cable color: <span style="color: gray;">■</span> pebble gray Color of coding: <span style="color: gray;">■</span> pebble gray Marking of poles: 2, N, PE, 1 Application: UPS 250/400 V		1	92.207.1000.3		92.207.1060.3
		2	92.207.2000.3		92.207.2060.3
		3	92.207.3000.3		92.207.3060.3
		4	92.207.4000.3		92.207.4060.3
		5	92.207.5000.3		92.207.5060.3
		6	92.207.6000.3		92.207.6060.3
		7	92.207.7000.3		92.207.7060.3
		8	92.207.8000.3		92.207.8060.3
Cable color: <span style="color: red;">■</span> tomato red Color of coding: <span style="color: red;">■</span> tomato red Marking of poles: 2, N, PE, 1 Application: UPS 250/400 V		1	92.207.1000.0		92.207.1060.0
		2	92.207.2000.0		92.207.2060.0
		3	92.207.3000.0		92.207.3060.0
		4	92.207.4000.0		92.207.4060.0
		5	92.207.5000.0		92.207.5060.0
		6	92.207.6000.0		92.207.6060.0
		7	92.207.7000.0		92.207.7060.0
		8	92.207.8000.0		92.207.8060.0
Cable color: <span style="color: green;">■</span> may green Color of coding: <span style="color: green;">■</span> may green Marking of poles: 1, PE, 2/N, 3 Application: Acc. to customer requirements (with PE)		1	92.207.1000.7		92.207.1060.7
		2	92.207.2000.7		92.207.2060.7
		3	92.207.3000.7		92.207.3060.7
		4	92.207.4000.7		92.207.4060.7
		5	92.207.5000.7		92.207.5060.7
		6	92.207.6000.7		92.207.6060.7
		7	92.207.7000.7		92.207.7060.7
		8	92.207.8000.7		92.207.8060.7
Cable color: <span style="color: blue;">■</span> turquoise Color of coding: <span style="color: blue;">■</span> turquoise Marking of poles: 1, 2/N, 3, 4 Application: Acc. to customer requirements (without PE)		1			92.207.1060.8
		2			92.207.2060.8
		3			92.207.3060.8
		4			92.207.4060.8
		5			92.207.5060.8
		6			92.207.6060.8
		7			92.207.7060.8
		8			92.207.8060.8

# Cable assemblies, 4-pole

## 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V/ 400V  
 Rated current: 16 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV



### Connection cable, female - free end

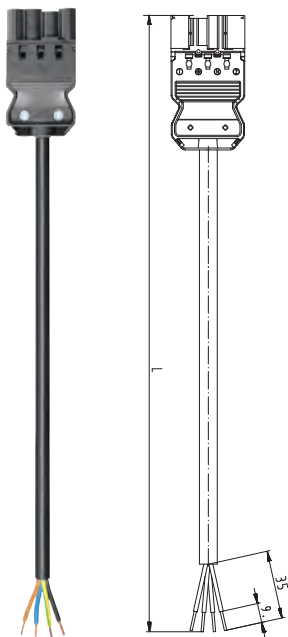
		H05VV-F halogenated	H05V2V2-F halogenated	H05Z1Z1-F halogen free
	Length (m)	Part No.	Part No.	Part No.
Cable color: ■ black Color of coding: ■ black Marking of poles: 2, N, PE, 1 Application: Mains 250/400 V	1	92.207.1003.1	■ black	92.207.1063.1
	2	92.207.2003.1	92.207.2013.1	92.207.2063.1
	3	92.207.3003.1		92.207.3063.1
	4	92.207.4003.1		92.207.4063.1
	5	92.207.5003.1		92.207.5063.1
	6	92.207.6003.1		92.207.6063.1
	7	92.207.7003.1		92.207.7063.1
	8	92.207.8003.1		92.207.8063.1
Cable color: □ white Color of coding: □ white Marking of poles: 2, N, PE, 1 Application: Mains 250/400 V	1	92.207.1003.2	□ white	92.207.1063.2
	2	92.207.2003.2		92.207.2063.2
	3	92.207.3003.2		92.207.3063.2
	4	92.207.4003.2		92.207.4063.2
	5	92.207.5003.2		92.207.5063.2
	6	92.207.6003.2		92.207.6063.2
	7	92.207.7003.2		92.207.7063.2
	8	92.207.8003.2		92.207.8063.2
Cable color: ■ pebble gray Color of coding: ■ pebble gray Marking of poles: 2, N, PE, 1 Application: UPS 250/400 V	1	92.207.1003.3	■ black	92.207.1063.3
	2	92.207.2003.3		92.207.2063.3
	3	92.207.3003.3		92.207.3063.3
	4	92.207.4003.3		92.207.4063.3
	5	92.207.5003.3		92.207.5063.3
	6	92.207.6003.3		92.207.6063.3
	7	92.207.7003.3		92.207.7063.3
	8	92.207.8003.3		92.207.8063.3
Cable color: ■ tomato red Color of coding: ■ tomato red Marking of poles: 2, N, PE, 1 Application: UPS 250/400 V	1	92.207.1003.0	■ black	92.207.1063.0
	2	92.207.2003.0		92.207.2063.0
	3	92.207.3003.0		92.207.3063.0
	4	92.207.4003.0		92.207.4063.0
	5	92.207.5003.0		92.207.5063.0
	6	92.207.6003.0		92.207.6063.0
	7	92.207.7003.0		92.207.7063.0
	8	92.207.8003.0		92.207.8063.0
Cable color: ■ may green Color of coding: ■ may green Marking of poles: 1, PE, 2/N, 3 Application: Acc. to customer requirements (with PE)	1	92.207.1003.7	■ black	92.207.1063.7
	2	92.207.2003.7		92.207.2063.7
	3	92.207.3003.7		92.207.3063.7
	4	92.207.4003.7		92.207.4063.7
	5	92.207.5003.7		92.207.5063.7
	6	92.207.6003.7		92.207.6063.7
	7	92.207.7003.7		92.207.7063.7
	8	92.207.8003.7		92.207.8063.7
Cable color: ■ turquoise Color of coding: ■ turquoise Marking of poles: 1, 2/N, 3, 4 Application: Acc. to customer requirements (without PE)	1		■ black	92.207.1063.8
	2			92.207.2063.8
	3			92.207.3063.8
	4			92.207.4063.8
	5			92.207.5063.8
	6			92.207.6063.8
	7			92.207.7063.8
	8			92.207.8063.8

## Cable assemblies, 4-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V/ 400V  
 Rated current: 16 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV



#### Connection cable, male - free end

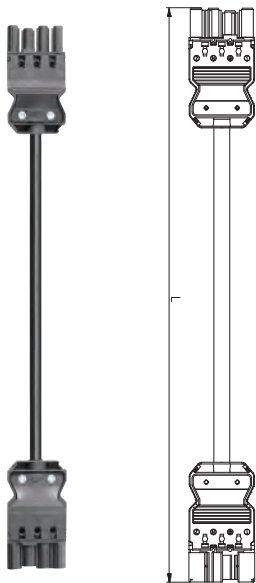
		H05VV-F halogenated	H05V2V2-F halogenated	H05Z1Z1-F halogen free
	Length (m)	Part No.	Part No.	Part No.
Cable color: ■ black Color of coding: ■ black Marking of poles: 2, N, PE, 1 Application: Mains 250/400 V	1	92.207.1004.1	92.207.1014.1	92.207.1064.1
	2	92.207.2004.1	92.207.2014.1	92.207.2064.1
	3	92.207.3004.1	92.207.3014.1	92.207.3064.1
	4	92.207.4004.1	92.207.4014.1	92.207.4064.1
	5	92.207.5004.1	92.207.5014.1	92.207.5064.1
	6	92.207.6004.1		92.207.6064.1
	7	92.207.7004.1		92.207.7064.1
	8	92.207.8004.1		92.207.8064.1
Cable color: □ white Color of coding: □ white Marking of poles: 2, N, PE, 1 Application: Mains 250/400 V	1	92.207.1004.2		92.207.1064.2
	2	92.207.2004.2		92.207.2064.2
	3	92.207.3004.2		92.207.3064.2
	4	92.207.4004.2		92.207.4064.2
	5	92.207.5004.2		92.207.5064.2
	6	92.207.6004.2		92.207.6064.2
	7	92.207.7004.2		92.207.7064.2
	8	92.207.8004.2		92.207.8064.2
Cable color: ■ black Color of coding: ■ black Marking of poles: 2, N, PE, 1 Application: UPS 250/400 V	1	92.207.1004.3		92.207.1064.3
	2	92.207.2004.3		92.207.2064.3
	3	92.207.3004.3		92.207.3064.3
	4	92.207.4004.3		92.207.4064.3
	5	92.207.5004.3		92.207.5064.3
	6	92.207.6004.3		92.207.6064.3
	7	92.207.7004.3		92.207.7064.3
	8	92.207.8004.3		92.207.8064.3
Cable color: ■ black Color of coding: ■ black Marking of poles: 2, N, PE, 1 Application: UPS 250/400 V	1	92.207.1004.0		92.207.1064.0
	2	92.207.2004.0		92.207.2064.0
	3	92.207.3004.0		92.207.3064.0
	4	92.207.4004.0		92.207.4064.0
	5	92.207.5004.0		92.207.5064.0
	6	92.207.6004.0		92.207.6064.0
	7	92.207.7004.0		92.207.7064.0
	8	92.207.8004.0		92.207.8064.0
Cable color: ■ black Color of coding: ■ black Marking of poles: 1, PE, 2/N, 3 Application: Acc. to customer requirements (with PE)	1	92.207.1004.7		92.207.1064.7
	2	92.207.2004.7		92.207.2064.7
	3	92.207.3004.7		92.207.3064.7
	4	92.207.4004.7		92.207.4064.7
	5	92.207.5004.7		92.207.5064.7
	6	92.207.6004.7		92.207.6064.7
	7	92.207.7004.7		92.207.7064.7
	8	92.207.8004.7		92.207.8064.7
Cable color: ■ black Color of coding: ■ black Marking of poles: 1, 2/N, 3, 4 Application: Acc. to customer requirements (without PE)	1			92.207.1064.8
	2			92.207.2064.8
	3			92.207.3064.8
	4			92.207.4064.8
	5			92.207.5064.8
	6			92.207.6064.8
	7			92.207.7064.8
	8			92.207.8064.8

## Cable assemblies, 4-pole

### 2.5 mm<sup>2</sup>, 20 A

Rated voltage: 250V/ 400V  
 Rated current: 20 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 4 kV



#### Connecting cable, female - male

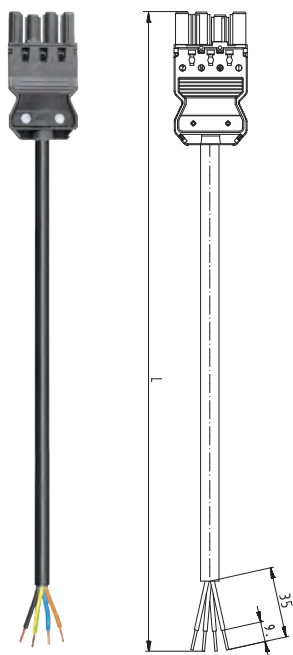
Connecting cable, female - male		H05VV-F halogenated	H05Z1Z1-F halogen free
		Part No.	Part No.
		Length (m)	
Cable color:		■ black	■ black
Color of coding:	■ black	1 92.208.1000.1	92.208.1060.1
Marking of poles:	2, N, PE, 1	2 92.208.2000.1	92.208.2060.1
Application:	Mains 250/400 V	3 92.208.3000.1	92.208.3060.1
		4 92.208.4000.1	92.208.4060.1
		5 92.208.5000.1	92.208.5060.1
		6 92.208.6000.1	92.208.6060.1
		7 92.208.7000.1	92.208.7060.1
		8 92.208.8000.1	92.208.8060.1
Cable color:		□ white	□ white
Color of coding:	□ white	1 92.208.1000.2	92.208.1060.2
Marking of poles:	2, N, PE, 1	2 92.208.2000.2	
Application:	Mains 250/400 V	4 92.208.4000.2	92.208.4060.2
		5 92.208.5000.2	92.208.5060.2
		6 92.208.6000.2	92.208.6060.2
		7 92.208.7000.2	92.208.7060.2
		8 92.208.8000.2	92.208.8060.2
Cable color:		■ black	■ black
Color of coding:	■ pebble gray	1 92.208.1000.3	92.208.1060.3
Marking of poles:	2, N, PE, 1	2 92.208.2000.3	92.208.2060.3
Application:	UPS 250/400 V	3 92.208.3000.3	92.208.3060.3
		4 92.208.4000.3	92.208.4060.3
		5 92.208.5000.3	92.208.5060.3
		6 92.208.6000.3	92.208.6060.3
		7 92.208.7000.3	92.208.7060.3
		8 92.208.8000.3	92.208.8060.3

## Cable assemblies, 4-pole

### 2.5 mm<sup>2</sup>, 20 A

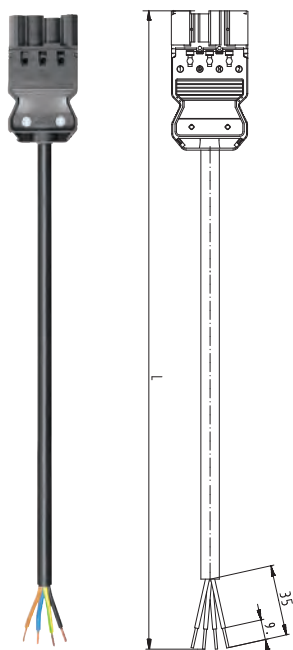
Rated voltage: 250V/ 400V  
 Rated current: 20 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV



#### Connection cable, female - free end

		H05VV-F halogenated	H05Z1Z1-F halogen free
	Length (m)	Part No.	Part No.
Cable color: ■ black Color of coding: ■ black Marking of poles: 2, N, PE, 1 Application: Mains 250/400 V	1	92.208.1003.1	92.208.1063.1
	2	92.208.2003.1	92.208.2063.1
	3	92.208.3003.1	92.208.3063.1
	4	92.208.4003.1	92.208.4063.1
	5	92.208.5003.1	92.208.5063.1
	6	92.208.6003.1	92.208.6063.1
	7	92.208.7003.1	92.208.7063.1
	8	92.208.8003.1	92.208.8063.1
Cable color: □ white Color of coding: □ white Marking of poles: 2, N, PE, 1 Application: Mains 250/400 V	1	92.208.1003.2	92.208.1063.2
	2	92.208.2003.2	
	3	92.208.3003.2	
	4	92.208.4003.2	92.208.4063.2
	5	92.208.5003.2	92.208.5063.2
	6	92.208.6003.2	92.208.6063.2
	7	92.208.7003.2	92.208.7063.2
	8	92.208.8003.2	92.208.8063.2
Cable color: ■ pebble gray Color of coding: ■ pebble gray Marking of poles: 2, N, PE, 1 Application: UPS 250/400 V	1	92.208.1003.3	92.208.1063.3
	2	92.208.2003.3	92.208.2063.3
	3	92.208.3003.3	92.208.3063.3
	4	92.208.4003.3	92.208.4063.3
	5	92.208.5003.3	92.208.5063.3
	6	92.208.6003.3	92.208.6063.3
	7	92.208.7003.3	92.208.7063.3
	8	92.208.8003.3	92.208.8063.3



#### Connection cable, male - free end

		H05VV-F halogenated	H05Z1Z1-F halogen free
	Length (m)	Part No.	Part No.
Cable color: ■ black Color of coding: ■ black Marking of poles: 2, N, PE, 1 Application: Mains 250/400 V	1	92.208.1004.1	92.208.1064.1
	2	92.208.2004.1	92.208.2064.1
	3	92.208.3004.1	92.208.3064.1
	4	92.208.4004.1	92.208.4064.1
	5	92.208.5004.1	92.208.5064.1
	6	92.208.6004.1	92.208.6064.1
	7		92.208.7064.1
	8	92.208.8004.1	92.208.8064.1
Cable color: □ white Color of coding: □ white Marking of poles: 2, N, PE, 1 Application: Mains 250/400 V	1	92.208.1004.2	92.208.1064.2
	2	92.208.2004.2	
	3	92.208.3004.2	
	4	92.208.4004.2	92.208.4064.2
	5	92.208.5004.2	92.208.5064.2
	6	92.208.6004.2	92.208.6064.2
	7	92.208.7004.2	92.208.7064.2
	8	92.208.8004.2	92.208.8064.2
Cable color: ■ pebble gray Color of coding: ■ pebble gray Marking of poles: 2, N, PE, 1 Application: UPS 250/400 V	1	92.208.1004.3	92.208.1064.3
	2	92.208.2004.3	92.208.2064.3
	3	92.208.3004.3	92.208.3064.3
	4	92.208.4004.3	92.208.4064.3
	5	92.208.5004.3	92.208.5064.3
	6	92.208.6004.3	92.208.6064.3
	7	92.208.7004.3	92.208.7064.3
	8	92.208.8004.3	92.208.8064.3





## Connector, 5-pole

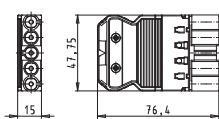
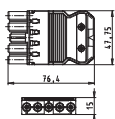
### Screw connection

Rated voltage:	250V/ 400V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1
Lockable:	Yes

Cross section fine-stranded:	0,75 - 2,5mm <sup>2</sup>
Cross section solid:	0,75 - 2,5mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide
For insulation and sheath strip lengths please see technical data	

female

male



### For cables Ø 8.5 - 12.5 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	3, N, PE, 2, 1	92.953.4053.1	92.954.4053.1
□ white	Mains 250/400 V	3, N, PE, 2, 1	92.953.4053.0	92.954.4053.0
■ pebble gray	UPS 250/400 V	3, N, PE, 2, 1	92.953.4553.0	92.954.4553.0
■ tomato red	UPS 250/400 V	3, N, PE, 2, 1	92.953.4553.5	92.954.4553.5
■ pastel blue	Mains 250 V + not SELV	L, N, PE, D2, D1	92.953.4453.0	92.954.4453.0
■ light blue	SELV	1, 2, 3, 4, 5	92.953.4153.0	92.954.4153.0
■ may green	Acc. to customer requirements (with PE)	1, 2, PE, 3/N, 4	92.953.4253.0	92.954.4253.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3, 4/N, 5	92.953.4353.0	92.954.4353.0

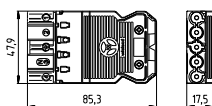
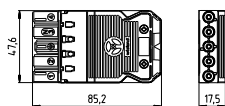
### Screw connection

Rated voltage:	250V/ 400V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1
Lockable:	Yes

Cross section fine-stranded:	0,75 - 4mm <sup>2</sup>
Cross section solid:	0,75 - 4mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide
For insulation and sheath strip lengths please see technical data	

female

male



### For cables Ø 11.5 - 15.5 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	3, N, PE, 2, 1	92.953.5053.1	92.954.5053.1
□ white	Mains 250/400 V	3, N, PE, 2, 1	92.953.5053.0	92.954.5053.0
■ pebble gray	UPS 250/400 V	3, N, PE, 2, 1	92.953.5553.0	92.954.5553.0
■ tomato red	UPS 250/400 V	3, N, PE, 2, 1	92.953.5553.5	92.954.5553.5
■ pastel blue	Mains 250 V + not SELV	L, N, PE, D2, D1	92.953.5453.0	92.954.5453.0
■ light blue	SELV	1, 2, 3, 4, 5	92.953.5153.0	92.954.5153.0
■ may green	Acc. to customer requirements (with PE)	1, 2, PE, 3/N, 4	92.953.5253.0	92.954.5253.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3, 4/N, 5	92.953.5353.0	92.954.5353.0

## Device connectors, 5-pole

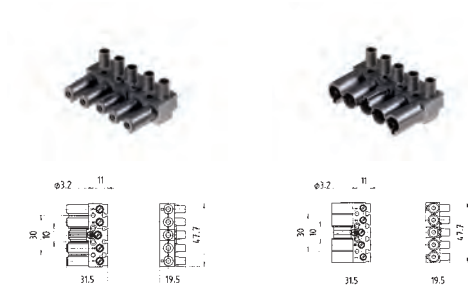
### Built-in component, Screw connection

Rated voltage:	250V/ 400V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1

Lockable:	Yes
Cross section fine-stranded:	0,75 - 4mm <sup>2</sup>
Cross section solid:	0,75 - 4mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male



### Single screw connection

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	3, N, PE, 2, 1	92.051.3253.1	92.052.3353.1
□ white	Mains 250/400 V	3, N, PE, 2, 1	92.051.3253.0	92.052.3353.0
■ pebble gray	UPS 250/400 V	1, 2, 3, N, PE	92.051.3453.0	92.052.3453.0
■ tomato red	UPS 250/400 V	1, 2, 3, N, PE	92.051.3453.5	92.052.3453.5
■ pastel blue	Mains 250 V + not SELV	L, N, PE, D2, D1	92.051.3753.0	92.052.3753.0
■ light blue	SELV	1, 2, 3, 4, 5	92.051.3153.0	92.052.3153.0
■ may green	Acc. to customer requirements (with PE)	1, 2, PE, 3/N, 4	92.051.3553.0	92.052.3553.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3, 4/N, 5	92.051.3953.0	92.052.3953.0

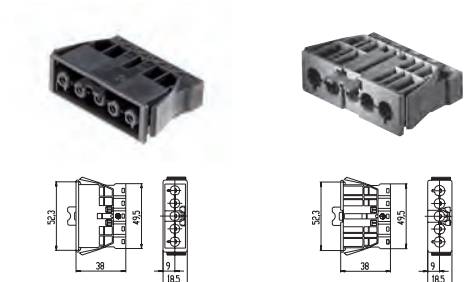
### Snap-in, Spring force

Rated voltage:	250V/ 400V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	2

Lockable:	Yes
Cross section fine-stranded:	0,5 - 1,5mm <sup>2</sup>
Cross section solid:	0,5 - 2,5mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male



### Housing material thickness 0.5-1.5 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	3, N, PE, 2, 1	92.051.9658.1	92.052.9658.1
□ white	Mains 250/400 V	3, N, PE, 2, 1	92.051.9658.0	92.052.9658.0
■ pebble gray	UPS 250/400 V	1, 2, 3, N, PE	92.051.9758.0	92.052.9758.0
■ tomato red	UPS 250/400 V	1, 2, 3, N, PE	92.051.9758.5	92.052.9758.5
■ pastel blue	Mains 250 V + not SELV	L, N, PE, D2, D1	92.051.8658.0	92.052.8658.0
■ light blue	SELV	1, 2, 3, 4, 5	92.051.8358.0	92.052.8358.0
■ may green	Acc. to customer requirements (with PE)	1, 2, PE, 3/N, 4	92.051.8058.0	92.052.8058.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3, 4/N, 5	92.051.8258.0	92.052.8258.0

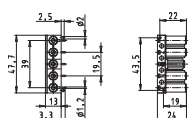
## Device connectors, 5-pole

### Solder connector, Soldering connection

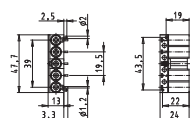
Rated voltage:	250V/ 400V
Rated current:	20 A
Degree of protection (IP):	IP20
Pollution degree:	2

Terminations per pole:	1
Lockable:	Yes
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female



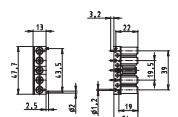
male



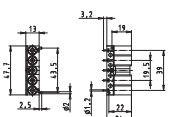
#### horizontal, without fastening flange

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	3, N, PE, 2, 1	92.053.0058.1	92.054.0058.1
□ white	Mains 250/400 V	3, N, PE, 2, 1	92.053.0058.0	92.054.0058.0
■ pastel blue	Mains 250 V + not SELV	D1, D2, L, PE, N	92.053.0458.0	92.054.0458.0
■ light blue	SELV	1, 2, 3, 4, 5	92.053.0258.0	

female



male



#### vertical, without fastening flange

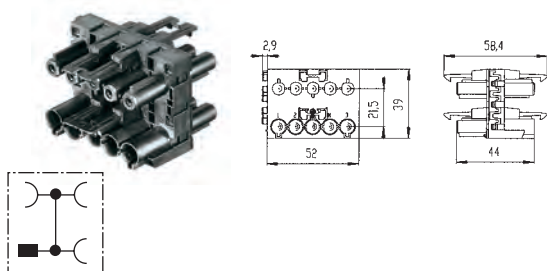
Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	3, N, PE, 2, 1	92.051.0058.1	92.052.0058.1
□ white	Mains 250/400 V	3, N, PE, 2, 1	92.051.0058.0	92.052.0058.0
■ pastel blue	Mains 250 V + not SELV	D1, D2, L, PE, N	92.051.0458.0	92.052.0458.0
■ light blue	SELV	1, 2, 3, 4, 5	92.051.0258.0	

## Distributors

Rated voltage: 250 / 400 V  
 Rated current: 20 A  
 Rated impulse voltage: 4 kV

Degree of protection (IP): IP20, inserted IP40  
 Lockable: yes

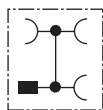
### H distributor



#### 5-pole with option of mounting to 07.413.5453.0/1

Color of coding	Application	Outputs	Part No.
□ white	Mains 250/400 V	3	92.050.0353.0
■ black	Mains 250/400 V	3	92.050.0353.1
■ pastel blue	Mains 250 V + not SELV	3	92.050.1853.0

### H distributor

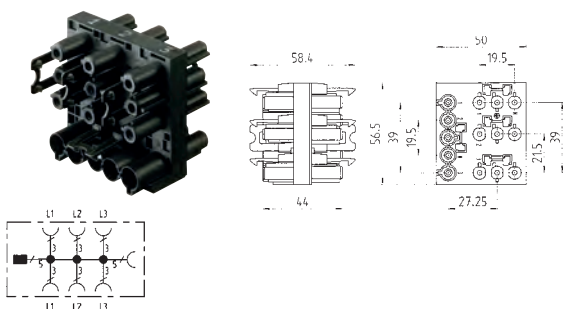


#### 5-pole with option of mounting to 07.413.6853.1

Color of coding	Application	Outputs	Part No.
□ white	Mains 250/400 V	3	92.050.6953.0
■ black	Mains 250/400 V	3	92.050.6953.1
■ light blue	Low voltage	3	92.050.7353.0
■ pastel blue	Mains 250 V + not SELV	3	92.050.7453.0
■ pebble gray	UPS 250/400 V	3	92.050.7053.0
■ tomato red	UPS 250/400 V	3	92.050.7053.5
■ turquoise	Acc. to customer requirements (without PE)	3	92.050.7153.0
■ may green	Acc. to customer requirements (with PE)	3	92.050.7253.0

Expected to be available from Q4 2017

### Phase selection distributor



#### 5-pole with phase selection with option of mounting to 07.413.6853.1

Color of coding	Application	Outputs	Part No.
□ white	Mains 250/400 V	7	92.050.0153.0
■ black	Mains 250/400 V	7	92.050.0153.1
■ pebble gray	UPS 250/400 V	7	92.050.2153.0
■ tomato red	UPS 250/400 V	7	92.050.2153.5

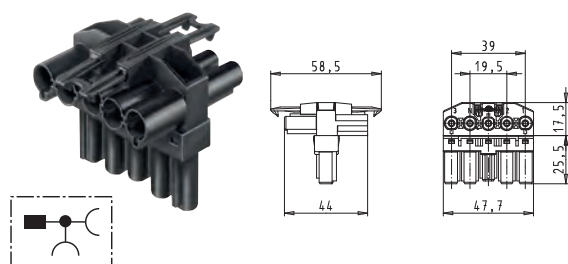


## T distributor

Rated voltage: 250 / 400 V  
 Rated current: 20 A  
 Rated impulse voltage: 4 kV

Degree of protection (IP): IP20, inserted IP40  
 Lockable: Yes  
 Interlock for vertical output has to be ordered separately

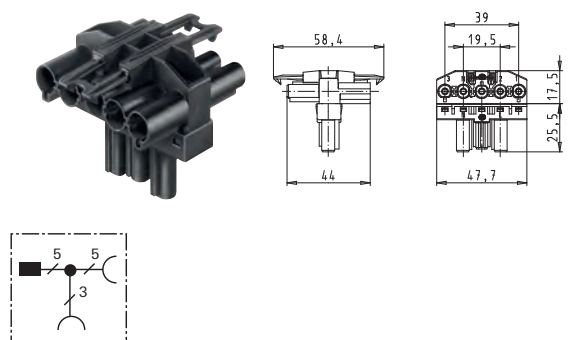
### T distributor



#### 5-pole with interlock on both sides on feed-through level

Color of coding	Application	Outputs	Part No.
□ white	Mains 250/400 V	2	92.050.1053.0
■ black	Mains 250/400 V	2	92.050.1053.1
■ pastel blue	Mains 250 V + not SELV	2	92.050.1453.0

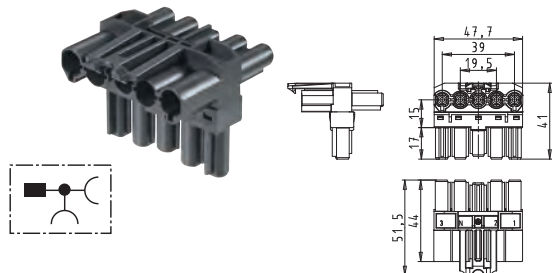
### T distributor



#### 5-pole with phase selection with interlock on both sides on feed-through level

Color of coding	Application	Pole marking	Outputs	Part No.
□ white	Mains 250/400 V	L1	2	92.050.4153.0
■ black	Mains 250/400 V	L1	2	92.050.4153.1
□ white	Mains 250/400 V	L2	2	92.050.4253.0
■ black	Mains 250/400 V	L2	2	92.050.4253.1
□ white	Mains 250/400 V	L3	2	92.050.4353.0
■ black	Mains 250/400 V	L3	2	92.050.4353.1

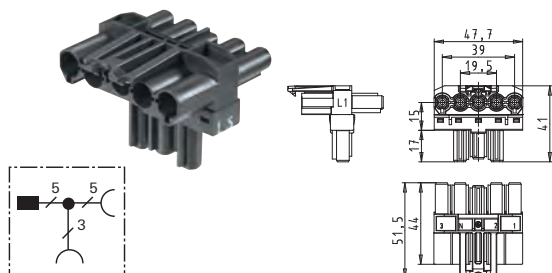
### T distributor



#### 5-pole with interlock on one side on feed-through level, direct serial connection option

Color of coding	Application	Outputs	Part No.
■ black	Mains 250/400 V	2	99.470.5772.2

### T distributor



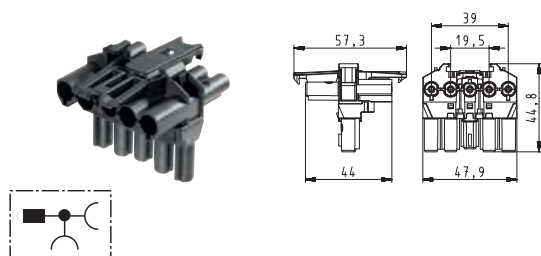
#### 5-pole with phase selection with interlock on one side on feed-through level, direct serial connection option

Color of coding	Application	Pole marking	Outputs	Part No.
■ black	Mains 250/400 V	L1	2	99.420.5772.2
■ black	Mains 250/400 V	L2	2	99.421.5772.2
■ black	Mains 250/400 V	L3	2	99.422.5772.2

## T distributor

Rated voltage:	250 / 400 V	Degree of protection (IP):	IP20, inserted IP40
Rated current:	20 A	Lockable:	Yes
Rated impulse voltage:	4 kV	Interlock for vertical output has to be ordered separately	

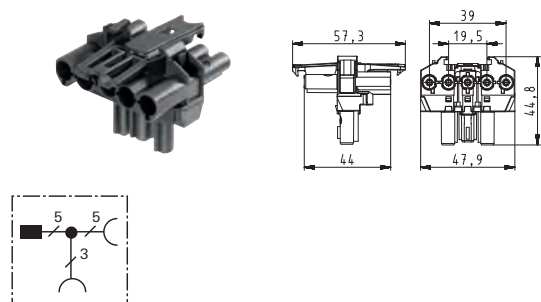
### T distributor



### 5-pole with option of mounting to 07.413.6853.1, cascable

Color of coding	Application	Outputs	Part No.
□ white	Mains 250/400 V	2	92.050.3053.0
■ black	Mains 250/400 V	2	92.050.3053.1
■ pebble gray	UPS 250/400 V	2	92.050.3553.0
■ tomato red	UPS 250/400 V	2	92.050.3553.5
■ pastel blue	Mains 250 V + not SELV	2	92.050.3453.0

### T distributor



### 5-pole for phase selection with option of mounting to 07.413.6853.1, cascable

Color of coding	Application	Pole marking	Outputs	Part No.
□ white	Mains 250/400 V	L1	2	92.050.3153.0
■ black	Mains 250/400 V	L1	2	92.050.3153.1
■ pebble gray	UPS 250/400 V	L1	2	92.050.3653.0
■ tomato red	UPS 250/400 V	L1	2	92.050.3653.5
□ white	Mains 250/400 V	L2	2	92.050.3253.0
■ black	Mains 250/400 V	L2	2	92.050.3253.1
■ pebble gray	UPS 250/400 V	L2	2	92.050.3753.0
■ tomato red	UPS 250/400 V	L2	2	92.050.3753.5
□ white	Mains 250/400 V	L3	2	92.050.3353.0
■ black	Mains 250/400 V	L3	2	92.050.3353.1
■ pebble gray	UPS 250/400 V	L3	2	92.050.3853.0
■ tomato red	UPS 250/400 V	L3	2	92.050.3853.5

Cable assemblies, 5-pole

0.75 mm², 6 A			
Rated voltage:	250V/ 400V	Lockable:	Yes
Rated current:	6 A	Preparation of conductor ends:	Ultrasonically compressed wire ends
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV
Pollution degree:	2		

Connection cable, male - free end

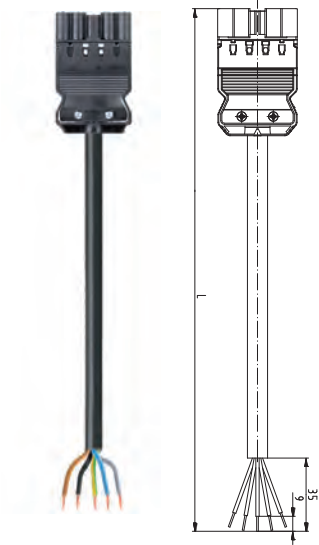
H05Z1Z1-F

halogen free

Length (m)

Part No.

Cable color:	<input type="checkbox"/> white	1	92.255.1064.2
Color of coding:	<input type="checkbox"/> white	2	92.255.2064.2
Marking of poles:	1, 2, 3, N, PE	3	92.255.3064.2
Application:	Mains 250/400 V	4	92.255.4064.2
		5	92.255.5064.2
		6	92.255.6064.2
		7	92.255.7064.2
		8	92.255.8064.2



Cable assemblies, 5-pole

1 mm², 10 A

Rated voltage:	250V/ 400V	Lockable:	Yes
Rated current:	10 A	Preparation of conductor ends:	Ultrasonically compressed wire ends
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV
Pollution degree:	2		

Connection cable, male - free end

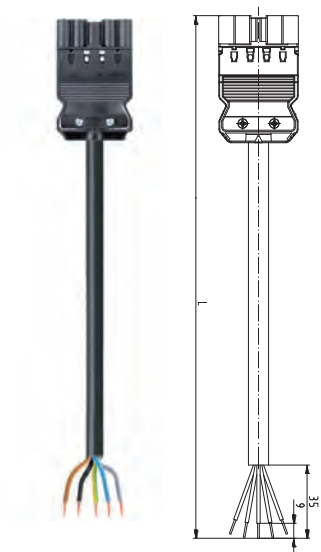
H05Z1Z1-F

halogen free

Length (m)

Part No.

Cable color:	<input type="checkbox"/> white	1	92.256.1064.2
Color of coding:	<input type="checkbox"/> white	2	92.256.2064.2
Marking of poles:	1, 2, 3, N, PE	3	92.256.3064.2
Application:	Mains 250/400 V	4	92.256.4064.2
		5	92.256.5064.2
		6	92.256.6064.2
		7	92.256.7064.2
		8	92.256.8064.2



## Cable assemblies, 5-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V/ 400V  
 Rated current: 16 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 4 kV

#### Connecting cable, female - male

##### H05VV-F

halogenated  
 Part No.

##### H05V2V2-F

halogenated  
 Part No.

##### H05Z1Z1-F

halogen free  
 Part No.

Length (m)

Cable color:	■ black	1	■ black	■ black	■ black
Color of coding:	■ black	2	92.257.1000.1	92.257.2010.1	92.257.1060.1
Marking of poles:	3, N, PE, 2, 1	3	92.257.2000.1	92.257.3010.1	92.257.2060.1
Application:	Mains 250/400 V	4	92.257.3000.1	92.257.4010.1	92.257.3060.1
		5	92.257.4000.1	92.257.5010.1	92.257.4060.1
		6	92.257.5000.1		92.257.5060.1
		7	92.257.6000.1		92.257.6060.1
		8	92.257.7000.1		92.257.7060.1
			92.257.8000.1		92.257.8060.1

Cable color:	□ white	1	□ white	□ white	□ white
Color of coding:	□ white	2	92.257.1000.2	92.257.2000.2	92.257.1060.2
Marking of poles:	3, N, PE, 2, 1	3	92.257.2000.2		92.257.2060.2
Application:	Mains 250/400 V	4	92.257.3000.2		92.257.3060.2
		5	92.257.4000.2		92.257.4060.2
		6	92.257.5000.2		92.257.5060.2
		7	92.257.6000.2		92.257.6060.2
		8	92.257.7000.2		92.257.7060.2
			92.257.8000.2		92.257.8060.2

Cable color:	■ black	1	■ black	■ black	■ black
Color of coding:	■ black	2	92.257.1000.0	92.257.2000.0	92.257.1060.0
Marking of poles:	3, N, PE, 2, 1	3	92.257.2000.0		92.257.2060.0
Application:	UPS 250/400 V	4	92.257.3000.0		92.257.3060.0
		5	92.257.4000.0		92.257.4060.0
		6	92.257.5000.0		92.257.5060.0
		7	92.257.6000.0		92.257.6060.0
		8	92.257.7000.0		92.257.7060.0
			92.257.8000.0		92.257.8060.0

Cable color:	■ black	1	■ black	■ black	■ black
Color of coding:	■ black	2	92.257.1000.9	92.257.2000.9	92.257.1060.9
Marking of poles:	■ pastel blue	3	92.257.2000.9		92.257.2060.9
Application:	L, N, PE, D2, D1	4	92.257.3000.9		92.257.3060.9
	Mains 250 V + not SELV	5	92.257.4000.9		92.257.4060.9
		6	92.257.5000.9		92.257.5060.9
		7	92.257.6000.9		92.257.6060.9
		8	92.257.7000.9		92.257.7060.9
			92.257.8000.9		92.257.8060.9

Cable color:	■ black	1	■ black		
Color of coding:	■ black	2	92.257.1000.7		
Marking of poles:	■ may green	3	92.257.2000.7		
Application:	1, 2, PE, 3/N, 4	4	92.257.3000.7		
	Acc. to customer requirements (with PE)	5	92.257.4000.7		
		6	92.257.5000.7		
		7	92.257.6000.7		
		8	92.257.7000.7		
			92.257.8000.7		

Cable color:	■ black	1		■ black	
Color of coding:	■ black	2		92.257.1060.8	
Marking of poles:	■ turquoise	3		92.257.2060.8	
Application:	1, 2, 3, 4/N, 5	4		92.257.3060.8	
	Acc. to customer requirements (without PE)	5		92.257.4060.8	
		6		92.257.5060.8	
		7		92.257.6060.8	
		8		92.257.7060.8	
				92.257.8060.8	

# Cable assemblies, 5-pole

## 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V/ 400V  
 Rated current: 16 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV

### Connection cable, female - free end

#### H05VV-F

halogenated

#### H05Z1Z1-F

halogen free

Length (m)

Part No.

Part No.

Cable color: ■ black Color of coding: ■ black Marking of poles: 3, N, PE, 2, 1 Application: Mains 250/400 V	1	92.257.1003.1	92.257.1063.1
	2	92.257.2003.1	92.257.2063.1
	3	92.257.3003.1	92.257.3063.1
	4	92.257.4003.1	92.257.4063.1
	5	92.257.5003.1	92.257.5063.1
	6	92.257.6003.1	92.257.6063.1
	7	92.257.7003.1	92.257.7063.1
	8	92.257.8003.1	92.257.8063.1
Cable color: □ white Color of coding: □ white Marking of poles: 3, N, PE, 2, 1 Application: Mains 250/400 V	1	92.257.1003.2	92.257.1063.2
	2	92.257.2003.2	92.257.2063.2
	3	92.257.3003.2	92.257.3063.2
	4	92.257.4003.2	92.257.4063.2
	5	92.257.5003.2	92.257.5063.2
	6	92.257.6003.2	92.257.6063.2
	7	92.257.7003.2	92.257.7063.2
	8	92.257.8003.2	92.257.8063.2
Cable color: ■ black Color of coding: ■ black Marking of poles: 3, N, PE, 2, 1 Application: UPS 250/400 V	1	92.257.1003.0	92.257.1063.0
	2	92.257.2003.0	92.257.2063.0
	3	92.257.3003.0	92.257.3063.0
	4	92.257.4003.0	92.257.4063.0
	5	92.257.5003.0	92.257.5063.0
	6	92.257.6003.0	92.257.6063.0
	7	92.257.7003.0	92.257.7063.0
	8	92.257.8003.0	92.257.8063.0
Cable color: ■ black Color of coding: ■ black Marking of poles: L, N, PE, D2, D1 Application: Mains 250 V + not SELV	1	92.257.1003.9	92.257.1063.9
	2	92.257.2003.9	92.257.2063.9
	3	92.257.3003.9	92.257.3063.9
	4	92.257.4003.9	92.257.4063.9
	5	92.257.5003.9	92.257.5063.9
	6	92.257.6003.9	92.257.6063.9
	7	92.257.7003.9	92.257.7063.9
	8	92.257.8003.9	92.257.8063.9
Cable color: ■ black Color of coding: ■ black Marking of poles: 1, 2, PE, 3/N, 4 Application: Acc. to customer requirements (with PE)	1	92.257.1003.7	92.257.1063.7
	2	92.257.2003.7	92.257.2063.7
	3	92.257.3003.7	92.257.3063.7
	4	92.257.4003.7	92.257.4063.7
	5	92.257.5003.7	92.257.5063.7
	6	92.257.6003.7	92.257.6063.7
	7	92.257.7003.7	92.257.7063.7
	8	92.257.8003.7	92.257.8063.7
Cable color: ■ black Color of coding: ■ black Marking of poles: 1, 2, 3, 4/N, 5 Application: Acc. to customer requirements (without PE)	1	92.257.1063.8	
	2	92.257.2063.8	
	3	92.257.3063.8	
	4	92.257.4063.8	
	5	92.257.5063.8	
	6	92.257.6063.8	
	7	92.257.7063.8	
	8	92.257.8063.8	



## Cable assemblies, 5-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V/ 400V  
 Rated current: 16 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV

#### Connection cable, male - free end

	H05VV-F halogenated	H05V2V2-F halogenated	H05Z1Z1-F halogen free
Length (m)	Part No.	Part No.	Part No.

Cable color:	■ black	■ black	■ black
Color of coding:	■ black		
Marking of poles:	3, N, PE, 2, 1		
Application:	Mains 250/400 V		
	1	92.257.1004.1	92.257.1064.1
	2	92.257.2004.1	92.257.2064.1
	3	92.257.3004.1	92.257.3064.1
	4	92.257.4004.1	92.257.4064.1
	5	92.257.5004.1	92.257.5064.1
	6	92.257.6004.1	92.257.6064.1
	7	92.257.7004.1	92.257.7064.1
	8	92.257.8004.1	92.257.8064.1

Cable color:	□ white	□ white	□ white
Color of coding:	□ white		
Marking of poles:	3, N, PE, 2, 1		
Application:	Mains 250/400 V		
	1	92.257.1004.2	92.257.1064.2
	2	92.257.2004.2	92.257.2064.2
	3	92.257.3004.2	92.257.3064.2
	4	92.257.4004.2	92.257.4064.2
	5	92.257.5004.2	92.257.5064.2
	6	92.257.6004.2	92.257.6064.2
	7	92.257.7004.2	92.257.7064.2
	8	92.257.8004.2	92.257.8064.2

Cable color:	■ black	■ black	■ black
Color of coding:	■ black		
Marking of poles:	3, N, PE, 2, 1		
Application:	UPS 250/400 V		
	1	92.257.1004.0	92.257.1064.0
	2	92.257.2004.0	92.257.2064.0
	3	92.257.3004.0	92.257.3064.0
	4	92.257.4004.0	92.257.4064.0
	5	92.257.5004.0	92.257.5064.0
	6	92.257.6004.0	92.257.6064.0
	7	92.257.7004.0	92.257.7064.0
	8	92.257.8004.0	92.257.8064.0

Cable color:	■ black	■ black	■ black
Color of coding:	■ black		
Marking of poles:	L, N, PE, D2, D1		
Application:	Mains 250 V + not SELV		
	1	92.257.1004.9	92.257.1064.9
	2	92.257.2004.9	92.257.2064.9
	3	92.257.3004.9	92.257.3064.9
	4	92.257.4004.9	92.257.4064.9
	5	92.257.5004.9	92.257.5064.9
	6	92.257.6004.9	92.257.6064.9
	7	92.257.7004.9	92.257.7064.9
	8	92.257.8004.9	92.257.8064.9

Cable color:	■ black	■ black	■ black
Color of coding:	■ black		
Marking of poles:	1, 2, PE, 3/N, 4		
Application:	Acc. to customer requirements (with PE)		
	1	92.257.1004.7	92.257.1064.7
	2	92.257.2004.7	92.257.2064.7
	3	92.257.3004.7	92.257.3064.7
	4	92.257.4004.7	92.257.4064.7
	5	92.257.5004.7	92.257.5064.7
	6	92.257.6004.7	92.257.6064.7
	7	92.257.7004.7	92.257.7064.7
	8	92.257.8004.7	92.257.8064.7

Cable color:	■ black	■ black	■ black
Color of coding:	■ black		
Marking of poles:	1, 2, 3, 4/N, 5		
Application:	Acc. to customer requirements (without PE)		
	1		92.257.1064.8
	2		92.257.2064.8
	3		92.257.3064.8
	4		92.257.4064.8
	5		92.257.5064.8
	6		92.257.6064.8
	7		92.257.7064.8
	8		92.257.8064.8

## Cable assemblies, 5-pole

### 2.5 mm<sup>2</sup>, 20 A

Rated voltage: 250V/ 400V  
 Rated current: 20 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 4 kV

#### Connecting cable, female - male

#### H05VV-F

halogenated  
 Part No.

#### H05Z1Z1-F

halogen free  
 Part No.

Length (m)

Cable color:	■ black	1	■ black	■ black
Color of coding:	■ black	2	92.258.1000.1	92.258.1060.1
Marking of poles:	3, N, PE, 2, 1	3	92.258.2000.1	92.258.2060.1
Application:	Mains 250/400 V	4	92.258.3000.1	92.258.3060.1
		5	92.258.4000.1	92.258.4060.1
		6	92.258.5000.1	92.258.5060.1
		7	92.258.6000.1	92.258.6060.1
		8	92.258.7000.1	92.258.7060.1
			92.258.8000.1	92.258.8060.1

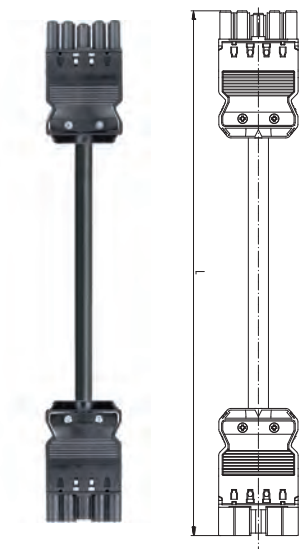
Cable color:	□ white	1	□ white	□ white
Color of coding:	□ white	2	92.258.1000.2	92.258.1060.2
Marking of poles:	3, N, PE, 2, 1	3	92.258.2000.2	92.258.2060.2
Application:	Mains 250/400 V	4	92.258.3000.2	92.258.3060.2
		5	92.258.4000.2	92.258.4060.2
		6	92.258.5000.2	92.258.5060.2
		7	92.258.6000.2	92.258.6060.2
		8	92.258.7000.2	92.258.7060.2
			92.258.8000.2	92.258.8060.2

Cable color:	■ black	2	■ black	■ black
Color of coding:	■ black	3	92.258.2060.3	92.258.2060.3
Marking of poles:	3, N, PE, 2, 1	4	92.258.3060.3	92.258.3060.3
Application:	UPS 250/400 V	6	92.258.4060.3	92.258.4060.3
		8	92.258.6060.3	92.258.6060.3
			92.258.8060.3	92.258.8060.3

Cable color:	■ black	1	■ black	■ black
Color of coding:	■ black	2	92.258.1000.9	92.258.1060.9
Marking of poles:	■ black	3	92.258.2000.9	92.258.2060.9
Application:	■ black	4	92.258.3000.9	92.258.3060.9
	■ black	5	92.258.4000.9	92.258.4060.9
	■ black	6	92.258.5000.9	92.258.5060.9
	■ black	7	92.258.6000.9	92.258.6060.9
	■ black	8	92.258.7000.9	92.258.7060.9
	■ black		92.258.8000.9	92.258.8060.9



## Cable assemblies, 5-pole

### 2.5 mm<sup>2</sup>, 20 A

Rated voltage: 250V/ 400V  
 Rated current: 20 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV

#### Connection cable, female - free end

##### H05VV-F

halogenated

##### H05Z1Z1-F

halogen free

Length (m)

Part No.

Part No.

Cable color:	■ black	1	92.258.1003.1	92.258.1063.1
Color of coding:	■ black	2	92.258.2003.1	92.258.2063.1
Marking of poles:	3, N, PE, 2, 1	3	92.258.3003.1	92.258.3063.1
Application:	Mains 250/400 V	4	92.258.4003.1	92.258.4063.1
		5	92.258.5003.1	92.258.5063.1
		6	92.258.6003.1	92.258.6063.1
		7	92.258.7003.1	92.258.7063.1
		8	92.258.8003.1	92.258.8063.1

Cable color:	□ white	1	92.258.1003.2	92.258.1063.2
Color of coding:	□ white	2	92.258.2003.2	92.258.2063.2
Marking of poles:	3, N, PE, 2, 1	3	92.258.3003.2	92.258.3063.2
Application:	Mains 250/400 V	4	92.258.4003.2	92.258.4063.2
		5	92.258.5003.2	92.258.5063.2
		6	92.258.6003.2	92.258.6063.2
		7	92.258.7003.2	92.258.7063.2
		8	92.258.8003.2	92.258.8063.2

Cable color:	■ black	1	92.258.1003.9	92.258.1063.9
Color of coding:	■ black	2	92.258.2003.9	92.258.2063.9
Marking of poles:	■ black	3	92.258.3003.9	92.258.3063.9
Application:	■ black	4	92.258.4003.9	92.258.4063.9
		5	92.258.5003.9	92.258.5063.9
		6	92.258.6003.9	92.258.6063.9
		7	92.258.7003.9	92.258.7063.9
		8	92.258.8003.9	92.258.8063.9

#### Connection cable, male - free end

##### H05VV-F

halogenated

##### H05Z1Z1-F

halogen free

Length (m)

Part No.

Part No.

Cable color:	■ black	1	92.258.1004.1	92.258.1064.1
Color of coding:	■ black	2	92.258.2004.1	92.258.2064.1
Marking of poles:	3, N, PE, 2, 1	3	92.258.3004.1	92.258.3064.1
Application:	Mains 250/400 V	4	92.258.4004.1	92.258.4064.1
		5	92.258.5004.1	92.258.5064.1
		6	92.258.6004.1	92.258.6064.1
		7	92.258.7004.1	92.258.7064.1
		8	92.258.8004.1	92.258.8064.1

Cable color:	□ white	1	92.258.1004.2	92.258.1064.2
Color of coding:	□ white	2	92.258.2004.2	92.258.2064.2
Marking of poles:	3, N, PE, 2, 1	3	92.258.3004.2	92.258.3064.2
Application:	Mains 250/400 V	4	92.258.4004.2	92.258.4064.2
		5	92.258.5004.2	92.258.5064.2
		6	92.258.6004.2	92.258.6064.2
		7	92.258.7004.2	92.258.7064.2
		8	92.258.8004.2	92.258.8064.2

Cable color:	■ black	1	92.258.1004.9	92.258.1064.9
Color of coding:	■ black	2	92.258.2004.9	92.258.2064.9
Marking of poles:	■ black	3	92.258.3004.9	92.258.3064.9
Application:	■ black	4	92.258.4004.9	92.258.4064.9
		5	92.258.5004.9	92.258.5064.9
		6	92.258.6004.9	92.258.6064.9
		7	92.258.7004.9	92.258.7064.9
		8	92.258.8004.9	92.258.8064.9

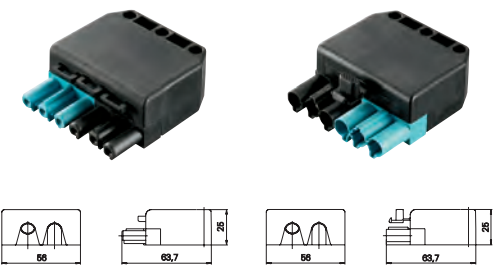


Connector, 6-pole

Screw connection			
Rated voltage:	250V	Cross section fine-stranded:	0,75 - 4mm <sup>2</sup>
Rated current:	20 A	Cross section solid:	0,75 - 4mm <sup>2</sup>
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV
Pollution degree:	2	Housing material:	Polyamide
Terminations per pole:	1	for insulation and sheath strip lengths please see technical data	
Lockable:	Yes		

female

male

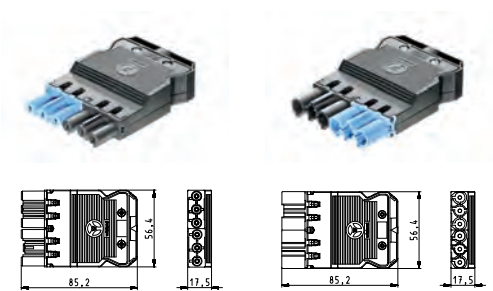


For cables Ø 10 - 12 mm

			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
■ pastel blue/ black	Mains 250 V + dimming + emergency	3, 2, 1, N, PE, L	92.969.0158.1	92.968.0158.1

female

male



For cables Ø 11 - 15.5 mm

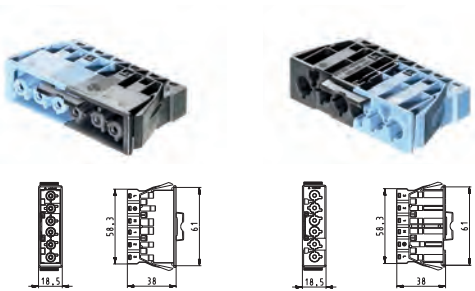
			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
■ pastel blue/ black	Mains 250 V + dimming + emergency	3, 2, 1, N, PE, L	92.969.0358.1	92.968.0358.1

Device connectors, 6-pole

Snap-in, Spring force			
Rated voltage:	250V	Lockable:	Yes
Rated current:	20 A	Cross section fine-stranded:	0,5 - 1,5mm²
Degree of protection (IP):	IP20	Cross section solid:	0,5 - 2,5mm²
Pollution degree:	2	Rated impulse voltage:	4 kV
Terminations per pole:	2	Housing material:	Polyamide

female

male

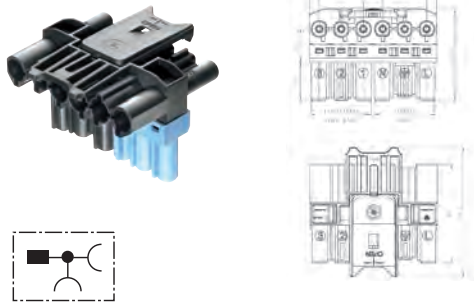


Housing material thickness 0.5-2.5 mm			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
■ pastel blue/ black	Mains 250 V + dimming + emergency	3, 2, 1, N, PE, L	92.061.8658.1	92.062.8658.1

T distributor

Rated voltage:	250 V / 400 V	Degree of protection (IP):	IP20
Rated current:	20 A		

T distributor



6 pole, cascadable			
Color of coding	Application	Outputs	Part No.
■ pastel blue/ black	Mains 250 V + dimming + emergency	2	92.060.3053.1



Cable assemblies, 6-pole

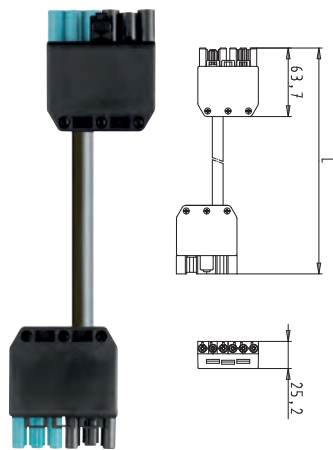
1.5 mm², 16 A

Rated voltage:	250V	Pollution degree:	2
Rated current:	16 A	Lockable:	Yes
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV

Connecting cable, female - male

S05HH-F  
halogen free

Length (m)	Part No.
------------	----------



Cable colour:	■ pastel blue/black	■ black
Color of coding:	3, 2, 1, N, PE, L	
Marking of poles:		
Application:	Mains 250 V + dimming + emergency	
	1	99.411.0028.0
	2	99.412.0028.0
	3	99.413.0028.0
	4	99.414.0028.0
	5	99.415.0028.0
	6	99.416.0028.0
	7	99.417.0028.0
	8	99.418.0028.0

Cable assemblies, 6-pole

1.5 mm², 16 A

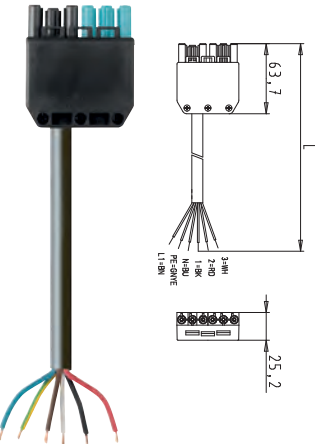
Rated voltage:	250V	Lockable:	Yes
Rated current:	16 A	Preparation of conductor ends:	Cable end sleeve
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV
Pollution degree:	2		

Connection cable, female - free end

S05HH-F  
halogen free

Length (m)      Part No.

Cable colour:	■ pastel blue/black	1	99.431.0028.0
Color of coding:	■ pastel blue/black	2	99.432.0028.0
Marking of poles:	3, 2, 1, N, PE, L	3	99.433.0028.0
Application:	Mains 250 V + dimming + emergency	4	99.434.0028.0
		5	99.435.0028.0
		6	99.436.0028.0
		7	99.437.0028.0
		8	99.438.0028.0

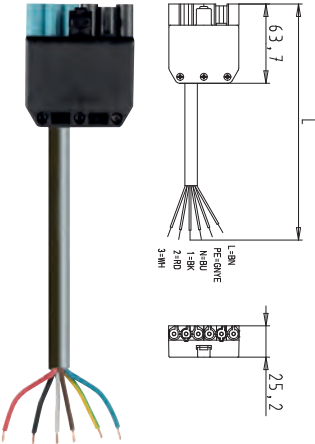


Connection cable, male - free end

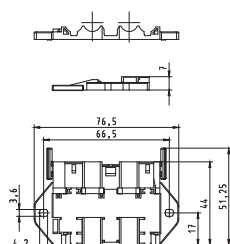
S05HH-F  
Halogen free

Length (m)      Part No.

Cable colour:	■ pastel blue/black	1	99.451.0028.0
Color of coding:	■ pastel blue/black	2	99.452.0028.0
Marking of poles:	3, 2, 1, N, PE, L	3	99.453.0028.0
Application:	Mains 250 V + dimming + emergency	4	99.454.0028.0
		5	99.455.0028.0
		6	99.456.0028.0
		7	99.457.0028.0
		8	99.458.0028.0

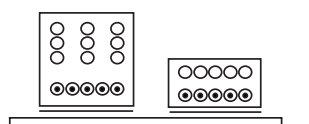


## Mounting material



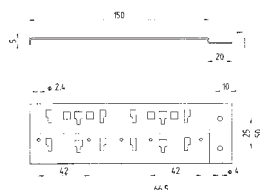
### Supporting plate for 5-pole, 5/3-pole distribution block, for screw attachment

Color	Application	Part No.
□ white		07.413.5453.0
■ black		07.413.5453.1



### Supporting plate for distribution blocks, for snap-in into mounting sheet

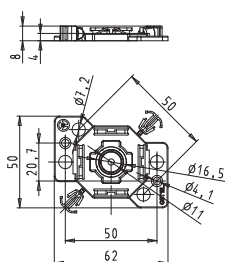
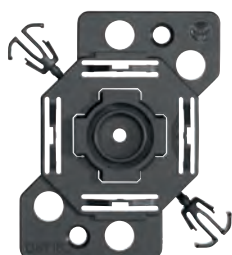
Color	Application	Part No.
□ white		07.413.5553.0
■ black		07.413.5553.1



### Mounting sheet for distribution blocks

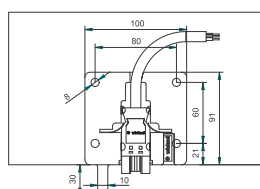
Color	Application	Part No.
metal		05.562.3612.0

### Mounting plate



### GST18 distributor mounting plate for switching distributors

Color	Application	Part No.
■ black		07.413.6853.1



### Carrier for cable assembly GST18i3

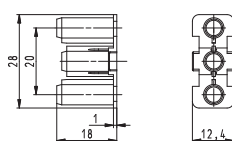
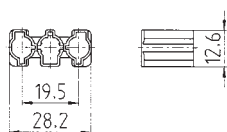
Color	Application	Part No.
■ black	flying connection	Z5.566.5750.0

## Accessories

for female connectors

for male connectors

Cover, 3-pole for covering open contacts



Color	Application
□ white	
■ black	

for female  
connectorsfor male  
connectors

Part No.

Part No.

05.561.3653.0

05.594.4250.0

05.561.3653.1

05.594.4253.0

for female connectors

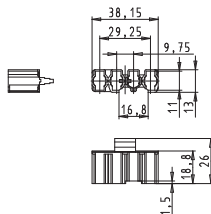
Cover, 4-pole for covering open contacts

for female  
connectors

Part No.

05.566.9153.0

Color	Application
■ black	



for female connectors

for male connectors

Cover, 5-pole for covering open contacts

for female  
connectorsfor male  
connectors

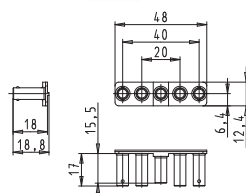
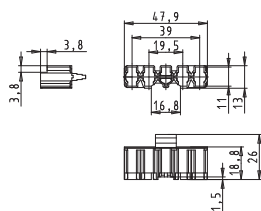
Part No.

Part No.

05.566.9253.0

05.583.1853.0

Color	Application
■ black	



for female connectors

Cover, 3/4/5/6-pole for covering open contacts, 12 units

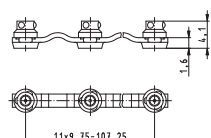
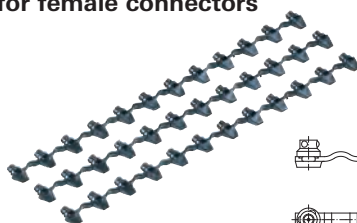
for female  
connectors

Part No.

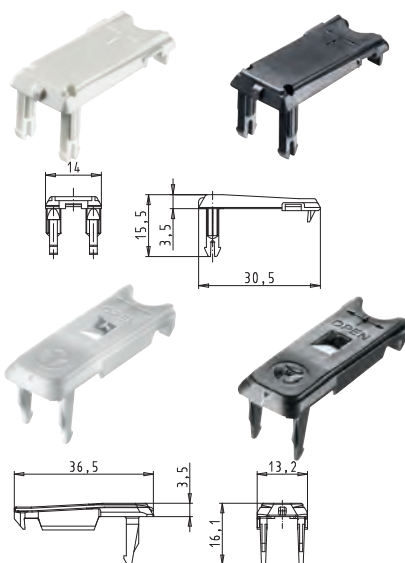
05.564.5353.2

05.564.5353.0

Color	Application
□ white	
■ black	



## Accessories

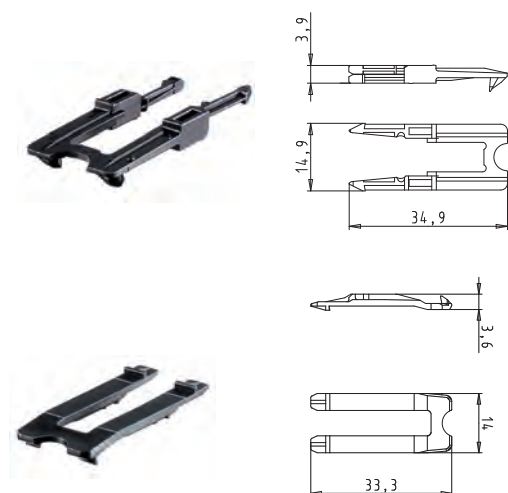


### Locking devices for solder parts

Color	Application	Part No.
□ white		05.590.4556.0
■ black		05.590.4556.1

### Locking device for flying leads

Color	Application	Part No.
□ white		05.587.3156.0
■ black		05.587.3156.1

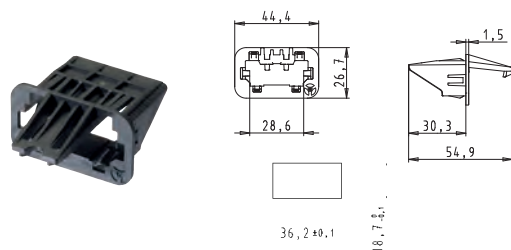


### Slide lock, 3/4/5-pole as spare part for distribution units

Color	Application	Part No.
□ white		05.588.5753.0
■ black		05.588.5753.1

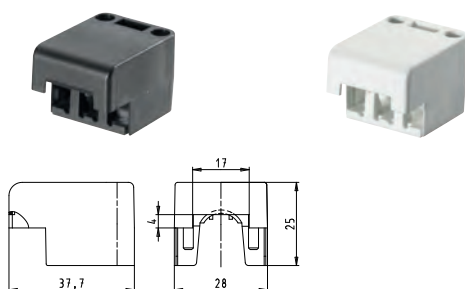
### Slide lock, 3/4/5-pole as spare part for snap-in

Color	Application	Part No.
□ white		05.595.1453.2
■ black		05.595.1453.0



### Snap-in frame for GST18i3 connectors and cables

Color	Application	Part No.
■ black		06.561.7853.0



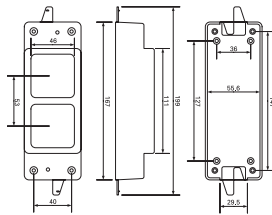
### Strain relief, 3-pole, for device connectors with screw connection

Color of coding	Housing	Part No.
□ white	white	99.004.8210.0
■ black	black	99.005.8210.0

## Accessories

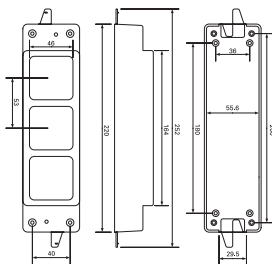
Rated voltage:	250 V
Rated current:	16 A
Degree of protection (IP):	IP20, IP40 when plugged
Lockable:	yes

Routing:	GST18i3 Buchse
Incoming supply:	GST18i3 Stecker
Observe installation instructions, observe technical notes, see instructions and technical Data in the catalog!	



### Pluggable outlet strips, 3-pole, 2 sockets

Color	Application	Pole marking	Part No.
□ white		L, PE, N	99.612.0028.0
■ black		L, PE, N	99.600.0028.0



### Pluggable outlet strips, 3-pole, 3 sockets, without contact protection

Color	Application	Pole marking	Part No.
□ white		L, PE, N	99.602.0028.0
■ black		L, PE, N	99.601.0028.0

### Pluggable outlet strips, 3-pole, 3 sockets with contact protection

Color	Application	Pole marking	Part No.
□ white		L, PE, N	99.653.0028.0
■ black		L, PE, N	99.652.0028.0



### Overvoltage protection plug, 3-pole

Color	Application	Fault display	Part No.
■ gray		Optical	84.990.1242.0

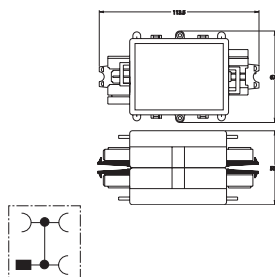
Color	Application	Fault display	Part No.
■ gray		Acoustical	84.990.1243.0



## Distribution boxes, covers

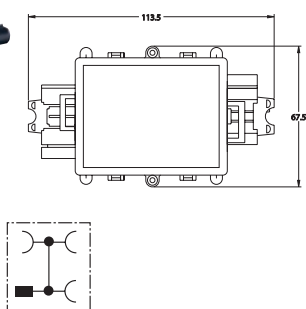
Rated voltage:	230 V
Rated current:	16 A
Rated impulse voltage:	4 kV
Degree of protection (IP):	IP20, IP40 when plugged

Internal wiring: 2.5 mm<sup>2</sup> halogen-free



### Distribution box, 3-pole, 1I/3O with locking device, white

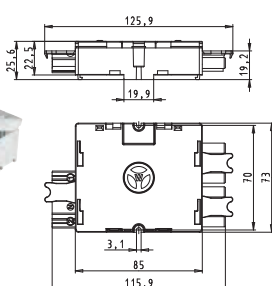
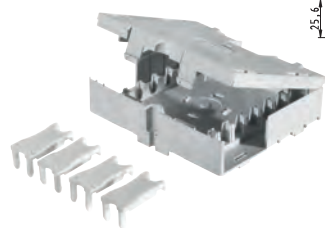
Color of coding	Application	Pole marking	Part No.
■ pebble gray		L, PE, N	99.500.0028.0
■ salmon pink		L, PE, N	99.501.0028.0
Other codings and wirings on request			



### 4-pole, 1I/3O with locking device, white

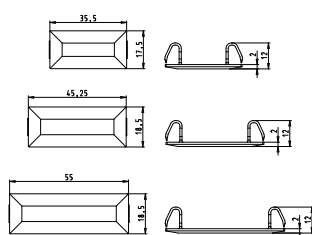
Color of coding	Application	Pole marking	Part No.
■ black		2, N, PE, 1	99.502.0028.0
Other codings and wirings on request			

### Distribution unit GST18, left empty for device connections, max. 7 poles per side



Color	Part No.
white	99.508.0028.0
Distribution box is available pre-assembled as per customer specifications	

### Covers for covering open housing cutouts GST18

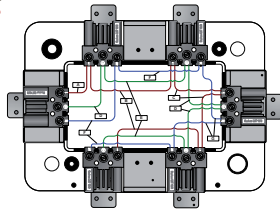


Color		Part No.
white	GST18i3	07.425.8753.0
white	GST18i4	07.425.8853.0
white	GST18i5	07.425.8953.0



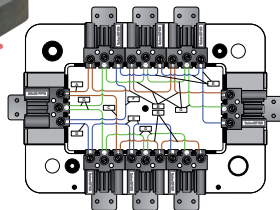
## Distribution boxes

Rated voltage:	250 V or 250 / 400 V	internal wiring:	2.5 mm <sup>2</sup> halogen-free
Rated current:	20 A		
Rated impulse voltage:	4 kV	Examples for customized fitting and wiring:	
Degree of protection (IP):	IP20, IP40 when plugged		



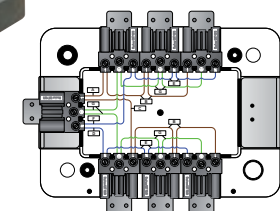
### Blackbox, 3-pole, input GST18i3 black, output 5x GST18i3 black

Color of coding	Application	Pole marking	Part No.
■ black			99.234.0028.0



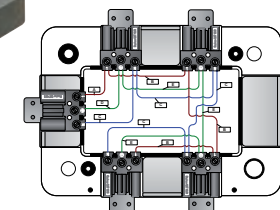
### Blackbox, 3-pole, input GST18i3 black, output 7x GST18i3 black

Color of coding	Application	Pole marking	Part No.
■ black			99.238.0028.0



### Blackbox, 3-pole, input GST18i3 black, output 6x GST18i3 black

Color of coding	Application	Pole marking	Part No.
■ black			99.293.0028.0

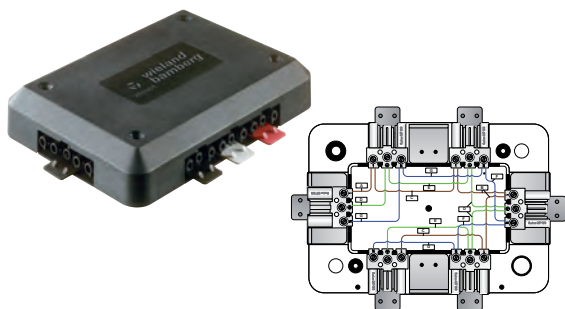


### Blackbox, 3-pole, input GST18i3 black, output 4x GST18i3 black

Color of coding	Application	Pole marking	Part No.
■ black			99.297.0028.0

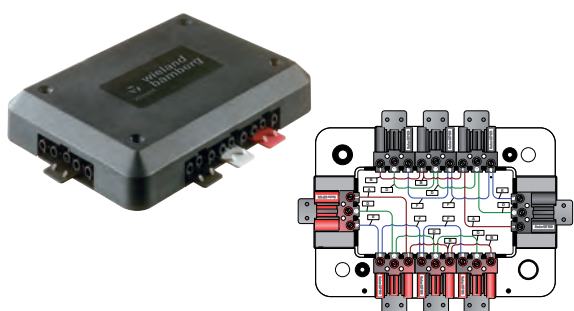
## Distribution boxes

Rated voltage:	250 V or 250 / 400 V	internal wiring:	2.5 mm <sup>2</sup> halogen-free
Rated current:	20 A		
Rated impulse voltage:	4 kV	Examples for customized fitting and wiring:	
Degree of protection (IP):	IP20, IP40 when plugged		



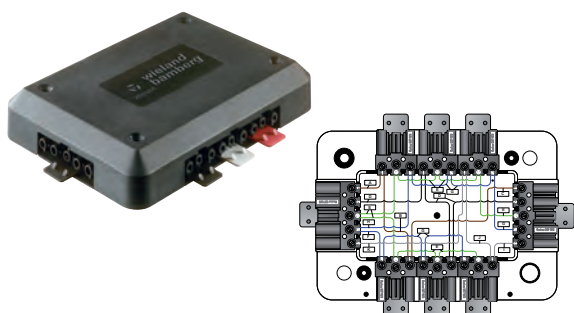
**Blackbox, 3-pole,  
input GST18i3 white, output 5x GST18i3 white**

Color of coding	Application	Pole marking	Part No.
■ black			99.188.0028.0



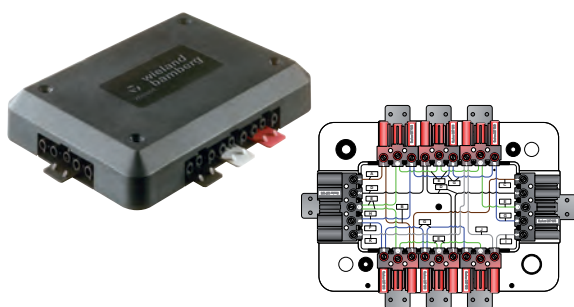
**Blackbox, 3-pole,  
input GST18i3 red/black, output 3x GST18i3 black/red**

Color of coding	Application	Pole marking	Part No.
■ black / salmon pink			99.202.0028.0



**Blackbox, 5-/3-pole,  
input GST18i5 black, output 6x GST18i3 black, 1x GST18i5 black**

Color of coding	Application	Pole marking	Part No.
■ black			99.237.0028.0

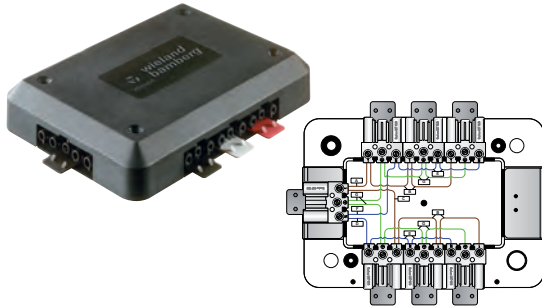


**Blackbox, 5-/3-pole,  
input GST18i5 black, output 6x GST18i3 red, 1x GST18i5 black**

Color of coding	Application	Pole marking	Part No.
■ black / salmon pink			99.281.0028.0

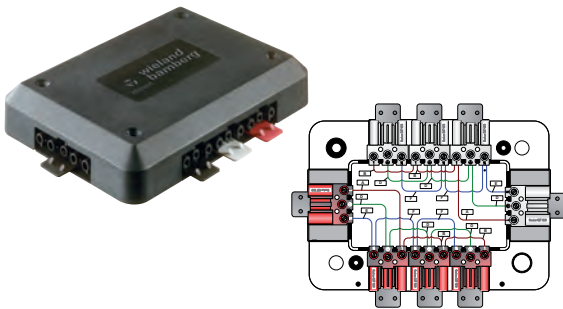
## Distribution boxes

Rated voltage:	250 V or 250 / 400 V	internal wiring:	2.5 mm <sup>2</sup> halogen-free
Rated current:	20 A		
Rated impulse voltage:	4 kV	Examples for customized fitting and wiring:	
Degree of protection (IP):	IP20, IP40 when plugged		



### Blackbox, 3-pole, input GST18i3 white, output 6x GST18i3 white

Color of coding	Application	Pole marking	Part No.
■ black			99.294.0028.0



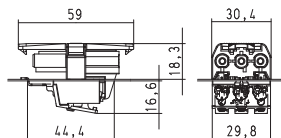
### Blackbox, 3-pole, input GST18i3 red/white, output 3x GST18i3 red/white

Color of coding	Application	Pole marking	Part No.
■ ■ black / salmon pink			99.308.0028.0

## **gesis®** TOP Luminaire connection adapter

Rated voltage:	250 V	Degree of protection (IP):	IP20, IP40 when plugged
Rated current:	20 A, 2.5 A, output current to the luminaire	Approval:	
Rated impulse voltage:	4 kV	Distribution type:	direct connection to luminaire
		Mounting option:	yes

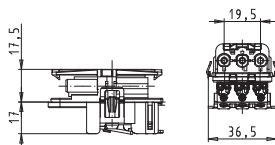
### Adapter for power supply



### 3-pole, adapter, lamp terminal separate

Color of coding	Application	Part No.
<input type="checkbox"/> white	L, PE, N	92.030.2153.0
<input type="checkbox"/> white, company BJB	L, PE, N	46.413.1302.50

### Adapter for power supply



### 3-pole, TT-adapter, lamp terminal built-in

Color of coding	Application	Part No.
<input type="checkbox"/> white	L,N,PE,D1,D2	92.020.2053.0

### Sample kit



### **gesis** TOP Sample kit

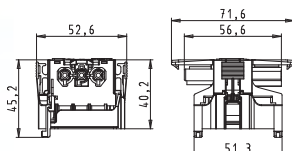
Kit	Part No.
gesis TOP sample kit	99.600.0000.0

## gesis® LINECT Luminaire connection adapter

Rated voltage:	250 V
Rated current:	20 A
Rated impulse voltage:	4 kV
Degree of protection (IP):	IP20, IP40 when plugged

Distribution unit:	1 output for connecting terminal to luminaire with a LINECT interface
Approval:	
Distribution type:	direct connection to luminaire
Mounting option:	yes

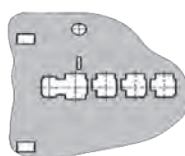
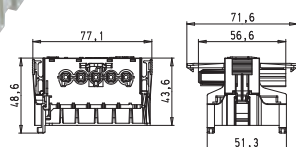
### LINECT distributor



### 3-pole, adapter for power supply

Color of coding	Application	Outputs	Part No.
<input type="checkbox"/> white	Main 250 V	2	92.030.2253.0

### LINECT distributor



### 5-pole, adapter for power supply and dimming

Color of coding	Application	Outputs	Part No.
<input type="checkbox"/> white, pastel blue	Main 250 V + not SELV	2	92.050.2453.0

## Connectors, no flame

### Screw connection

Glow wire resistant „No-Flame“ material

Wire cross-section  
solid/fine-stranded: 0.75 – 2.5 mm<sup>2</sup>

Rated voltage: 250 V

Rated current: 20 A

Rated impulse voltage: 4 kV

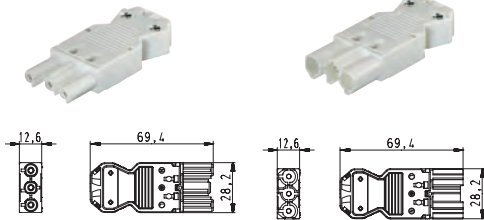
Degree of protection (IP): IP20, IP40 when plugged

Connections per pole: 1, without ferrules

Especially for applications requiring fire hazard tests  
as per the standard EN 60335-1, observe Technical data.

female

male

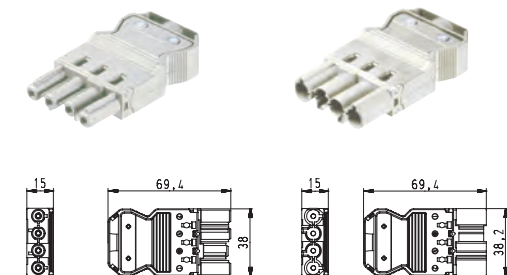


### 3-pole, for cable Ø 6.5 – 10.5 mm, unassembled

Color of coding	Application	Pole marking	female	male
			Part No.	Part No.
□ white		N, PE, L	92.931.3057.0	92.932.3057.0

female

male

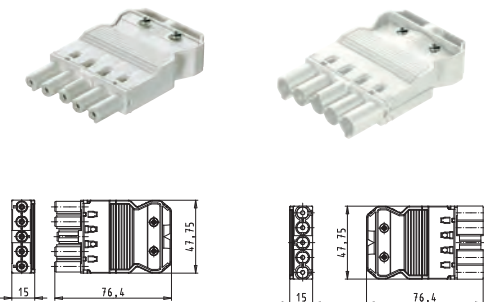


### 4-pole, for cable Ø 7.1 – 12.0 mm, unassembled

Color of coding	Application	Pole marking	female	male
			Part No.	Part No.
□ white		2, N, PE, 1	92.943.3057.0	92.944.3057.0

female

male



### 5-pole, for cable Ø 8.5 – 12.5 mm, unassembled

Color of coding	Application	Pole marking	female	male
			Part No.	Part No.
□ white		3, N, PE, 2, 1	92.953.4057.0	92.954.4057.0

## Device connector No Flame

### Snap-in / solder part

Glow wire resistant „No-Flame“ material

Wire cross-section  
solid/fine-stranded: 0.75 – 2.5 mm<sup>2</sup>

Rated voltage: 250 V

Rated current: 20 A

Rated impulse voltage: 4 kV

Degree of protection (IP): IP20, IP40 when plugged

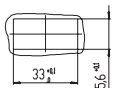
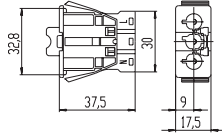
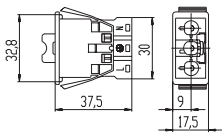
Connections per pole: 1 at solder part, 2 at snap-in

Especially for applications requiring fire hazard tests  
as per the standard EN 60335-1, observe Technical data.

female



male



Housing cutout

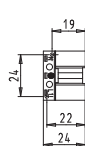
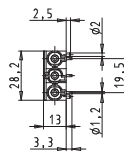
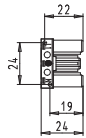
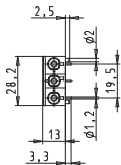
### 3-pole, snap-in GST18i3

Color of coding	Application	Pole marking	female	male
			Part No.	Part No.
■ black		N, PE, L	92.031.7657.1	92.032.7657.1
□ white		N, PE, L	92.031.7657.0	92.032.7657.0

female



male



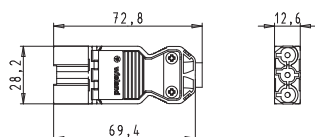
### 3-pole, solder part GST18i3, solder pin length = 3.3 mm

Color of coding	Application	Pole marking	female	male
			Part No.	Part No.
□ white		N, PE, L	92.033.0057.0	92.034.0057.0



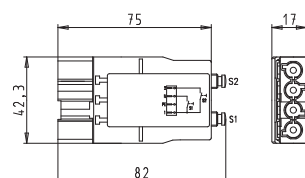
## Testing plug

Rated voltage:	250 V
Rated current:	16 A
Rated impulse voltage:	4 kV
Degree of protection (IP):	IP20, IP40 when plugged



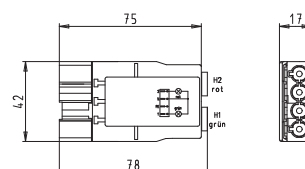
### Testing plug, 3-pole, 1 socket, output 230 V

Color of coding	Application	Pole marking	Part No.
□ black		L, PE, N	92.002.5153.1



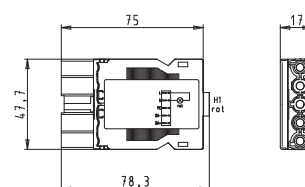
### Testing plug, 4-pole, 2 sockets, input 230 V

Color of coding	Application	Pole marking	Part No.
■ black		1, PE, N, 2	92.002.5053.0



### Testing plug, 4-pole, 2 sockets, output 230 V

Color of coding	Application	Pole marking	Part No.
■ black		1, PE, N, 2	92.002.5253.1



### Testing plug, 5 pole, 1 socket, S/D output 230 V

Color of coding	Application	Pole marking	Part No.
■ black		D1, D2, PE, N, L	92.002.5353.0



## Mini always fits – smaller is in vogue!

**gesis**<sup>®</sup>MINI adds an important facet to the **gesis**<sup>®</sup> range. While previously wiring with terminal blocks was tedious painstaking work, the complete power distribution can now be installed with pluggable components throughout – even in the barely accessible corners of a shelf or in narrow channels. Even the most confined spaces are no longer a problem. And the best part: It is possible to implement installations with 250 V and 16 A.

In store design as in exhibition stand construction, the focus these days is on the perfect product experience. The lighting in the shelf itself is becoming ever more important, and this is reflected in more effective illumination, better presentation, and ultimately more sales. The electrical installation must also follow this trend.

Only an installation with compact components can come into play here, as a rule, because both luminaires and ballasts are becoming smaller and smaller. At the same time as this trend toward miniaturization is happening another development is intensifying: Nothing is built to last an eternity anymore – the cycles for modifying presentation systems are shortening all the time. The electrical installation must face up to this as well:

**gesis**<sup>®</sup>MINI meets both demands and combines minimum size with maximum flexibility. All according to one principle: pluggability.

The use of **gesis**<sup>®</sup>MINI is not confined to eye-catching lighting scenarios involving displays, cabinets, or shelves. The 2, 3, 4, or 5 pole versions actually enable versatile use – in the form of DALI applications, too.

e-  
Shop





More information

<http://eshop.wieland-electric.com>

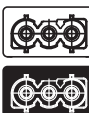

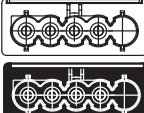


## Coding of GST15 connectors

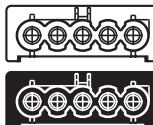


### GST15i2

<b>Code 1</b> L, N white, black	<b>Code 2</b> D1, D2 pastel blue	<b>Code 3</b> 1, 2 light blue	<b>Code 5</b> L, N pebble gray
			
<b>Application</b>  Mains voltage Protection class II	<b>Application</b>  not SELV (e.g. DALI)	<b>Application</b>  Low voltage / SELV (50 V)	<b>Application</b>  Mains voltage (UPS)

### GST15i3

<b>Code 1</b> L, PE, N white, black	<b>Code 4</b> 1, 2, 3 brown	<b>Code 1</b> N, PE, 1, 2 white, black
		
<b>Application</b>  Mains voltage	<b>Application</b>  Switching application	<b>Application</b>  Mains voltage

### GST15i5

<b>Code 1</b> 3, 2, 1, PE, N white, black	<b>Code 2</b> D1, D2, L, PE, N pastel blue	<b>Code 3</b> 1, 2, 3, 4, 5 light blue
		
<b>Application</b>  Mains voltage	<b>Application</b>  not SELV (e.g. DALI)	<b>Application</b>  Low voltage / SELV (50 V)

## Connector, 2-pole

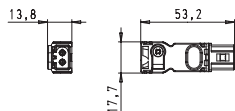
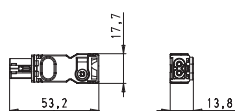
### Screw connection

Rated voltage:	250V
Rated current:	16 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1
Lockable:	Yes

Cross section fine-stranded:	0,5 - 2,5mm <sup>2</sup>
Cross section solid:	0,5 - 2,5mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide
for insulation and sheath strip lengths please see technical data	

female

male

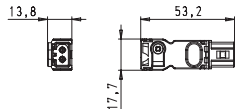
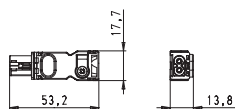


#### For cables Ø 3.4 - 5.5 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Protection class II 250 V	L, N	91.921.2053.1	91.922.2053.1
□ white	Protection class II 250 V	L, N	91.921.2053.0	91.922.2053.0
■ pastel blue	not SELV	D1, D2	91.921.2453.0	91.922.2453.0
■ light blue	SELV	1, 2	91.921.2353.0	91.922.2353.0

female

male



#### For cables Ø 6 - 7.7 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Protection class II 250 V	L, N	91.921.3053.1	91.922.3053.1
□ white	Protection class II 250 V	L, N	91.921.3053.0	91.922.3053.0
■ pebble gray	Protection class II 250 V	L, N	91.921.3553.0	91.922.3553.0
■ pastel blue	not SELV	D1, D2	91.921.3453.0	91.922.3453.0
■ light blue	SELV	1, 2	91.921.3353.0	91.922.3353.0

## Device connectors, 2-pole

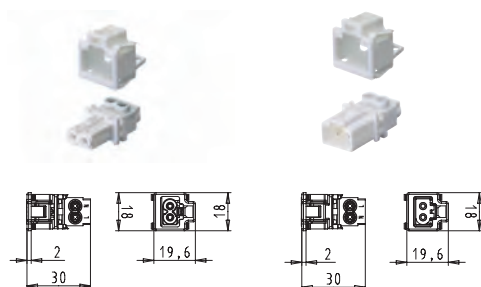
### Snap-in, Screw connection

Rated voltage:	250V
Rated current:	16 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1

Lockable:	Yes
Cross section fine-stranded:	0,5 - 2,5mm <sup>2</sup>
Cross section solid:	0,5 - 2,5mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male



#### Housing material thickness 0.5-1.5 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Protection class II 250 V	L, N	91.921.9053.1	91.922.9053.1
□ white	Protection class II 250 V	L, N	91.921.9053.0	91.922.9053.0
■ pebble	Protection class II 250 V	1, 2	91.921.9553.0	91.922.9553.0
gray				
■ pastel blue	not SELV	D1, D2	91.921.9453.0	91.922.9453.0
■ light blue	SELV	1, 2	91.921.9353.0	91.922.9353.0

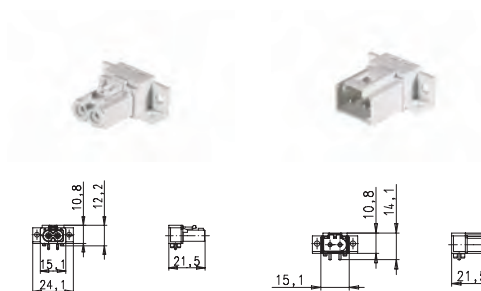
### Solder connector, Soldering connection

Rated voltage:	250V
Rated current:	16 A
Degree of protection (IP):	IP20
Pollution degree:	2

Terminations per pole:	1
Lockable:	Yes
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male

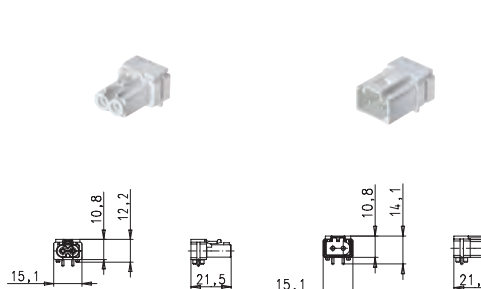


#### horizontal, with fastening flange

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Protection class II 250 V	L, N	91.023.0153.1	91.024.0153.1
□ white	Protection class II 250 V	L, N	91.023.0153.0	91.024.0153.0
■ pebble	Protection class II 250 V	L, N	91.023.1153.0	91.024.1153.0
gray				
■ pastel blue	not SELV	D1, D2	91.023.0353.0	91.024.0353.0
■ light blue	SELV	1, 2	91.023.0553.0	91.024.0553.0

female

male



#### horizontal, without fastening flange

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Protection class II 250 V	L, N	91.023.0053.1	91.024.0053.1
□ white	Protection class II 250 V	L, N	91.023.0053.0	91.024.0053.0
■ pebble	Protection class II 250 V	L, N	91.023.1053.0	91.024.1053.0
gray				
■ pastel blue	not SELV	D1, D2	91.023.0253.0	91.024.0253.0
■ light blue	SELV	1, 2	91.023.0453.0	91.024.0453.0

## Device connectors, 2-pole

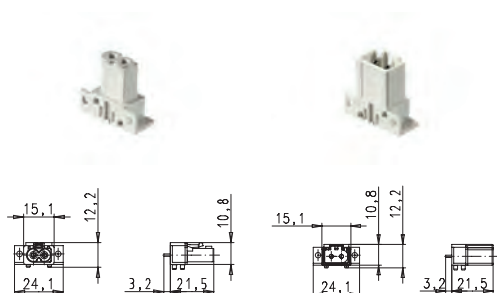
### Solder connector, Soldering connection

Rated voltage:	250V
Rated current:	16 A
Degree of protection (IP):	IP20
Pollution degree:	2

Terminations per pole:	1
Lockable:	Yes
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male



vertical, with fastening flange

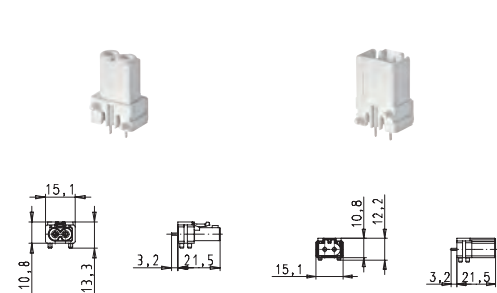
female

male

Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Protection class II 250 V	L, N	91.021.0153.1	91.022.0153.1
□ white	Protection class II 250 V	L, N	91.021.0153.0	91.022.0153.0
■ pebble gray	Protection class II 250 V	L, N	91.021.1153.0	91.022.1153.0
■ pastel blue	not SELV	D1, D2	91.021.0353.0	91.022.0353.0
■ light blue	SELV	1, 2	91.021.0553.0	91.022.0553.0

female

male



vertical, without fastening flange

female


male

Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Protection class II 250 V	L, N	91.021.0053.1	91.022.0053.1
□ white	Protection class II 250 V	L, N	91.021.0053.0	91.022.0053.0
■ pebble gray	Protection class II 250 V	L, N	91.021.1053.0	91.022.1053.0
■ pastel blue	not SELV	D1, D2	91.021.0253.0	91.022.0253.0
■ light blue	SELV	1, 2	91.021.0453.0	91.022.0453.0

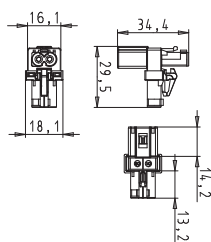


## Distribution units, intermediate couplings

Rated voltage:	250 V or 250 / 400 V
Rated current:	16 A
Rated impulse voltage:	4 kV
Degree of protection (IP):	IP20, IP40 when plugged

Approvals:	
Lockable:	Yes
Mounting plates:	see Accessories

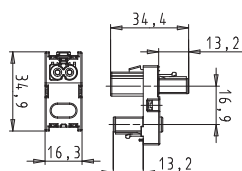
### T distributor



### 2-pole

Color of coding	Application	Outputs	Part No.
□ white	Protection class II 250 V	2	91.020.1053.0
■ black	Protection class II 250 V	2	91.020.1053.1
■ pastel blue	not SELV (6 A)	2	91.020.1253.0
■ light blue	Low voltage / SELV (50 V)	2	91.020.1453.0
■ pebble	Protection class II 250 V	2	91.020.1853.0
gray			

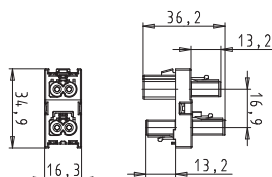
### h distributor



### 2-pole, with mounting option

Color of coding	Application	Outputs	Part No.
□ white	Protection class II 250 V	2	91.020.7053.0
■ black	Protection class II 250 V	2	91.020.7053.1
■ pastel blue	not SELV (6 A)	2	91.020.7153.0
■ light blue	Low voltage / SELV (50 V)	2	91.020.7253.0
■ pebble	Protection class II 250 V	2	91.020.7453.0
gray			

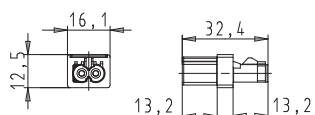
### H distributor



### 2-pole, with mounting option

Color of coding	Application	Outputs	Part No.
□ white	Protection class II 250 V	2	91.020.4953.0
■ black	Protection class II 250 V	2	91.020.4953.1
■ pastel blue	not SELV (6 A)	2	91.020.5053.0
■ light blue	Low voltage / SELV (50 V)	2	91.020.5153.0
■ pebble	Protection class II 250 V	2	91.020.5353.0
gray			

### Intermediate coupling



### 2-pole, locking device for one side

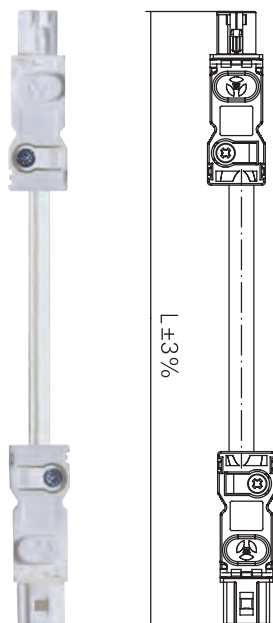
Color of coding	Application	Outputs	Part No.
□ white	Protection class II 250 V	1	91.020.5953.0
■ black	Protection class II 250 V	1	91.020.5953.1
■ pastel blue	not SELV (6 A)	1	91.020.6053.0
■ light blue	Low voltage / SELV (50 V)	1	91.020.6153.0
■ pebble	Protection class II 250 V	1	91.020.6353.0
gray			

## Cable assemblies, 2-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V  
 Rated current: 16 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 4 kV



#### Connecting cable, female - male

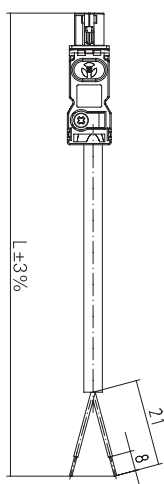
		H05VV-F halogenated	H05Z1Z1-F halogen free
		Part No.	Part No.
Length (m)			
Cable color: ■ black Color of coding: ■ black Marking of poles: L, N Application: Protection class II 250 V	1	91.222.1000.1	91.222.1060.1
	2	91.222.2000.1	91.222.2060.1
	3	91.222.3000.1	91.222.3060.1
	4	91.222.4000.1	91.222.4060.1
	5	91.222.5000.1	91.222.5060.1
	6	91.222.6000.1	91.222.6060.1
	7	91.222.7000.1	91.222.7060.1
	8	91.222.8000.1	91.222.8060.1
Cable color: □ white Color of coding: □ white Marking of poles: L, N Application: Protection class II 250 V	1	91.222.1000.2	91.222.1060.2
	2	91.222.2000.2	91.222.2060.2
	3	91.222.3000.2	91.222.3060.2
	4	91.222.4000.2	91.222.4060.2
	5	91.222.5000.2	91.222.5060.2
	6	91.222.6000.2	91.222.6060.2
	7	91.222.7000.2	91.222.7060.2
	8	91.222.8000.2	91.222.8060.2
Cable color: ■ pastel blue Color of coding: ■ pastel blue Marking of poles: D1, D2 Application: not SELV	1	91.222.1000.9	91.222.1060.9
	2	91.222.2000.9	91.222.2060.9
	3	91.222.3000.9	91.222.3060.9
	4	91.222.4000.9	91.222.4060.9
	5	91.222.5000.9	91.222.5060.9
	6	91.222.6000.9	91.222.6060.9
	7	91.222.7000.9	91.222.7060.9
	8	91.222.8000.9	91.222.8060.9
Cable color: □ white Color of coding: ■ light blue Marking of poles: 1, 2 Application: SELV	1	91.222.1000.6	
	2	91.222.2000.6	
	3	91.222.3000.6	
	4	91.222.4000.6	
	5	91.222.5000.6	
	6	91.222.6000.6	
	7	91.222.7000.6	
	8	91.222.8000.6	

## Cable assemblies, 2-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V  
 Rated current: 16 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV



#### Connection cable, female - free end

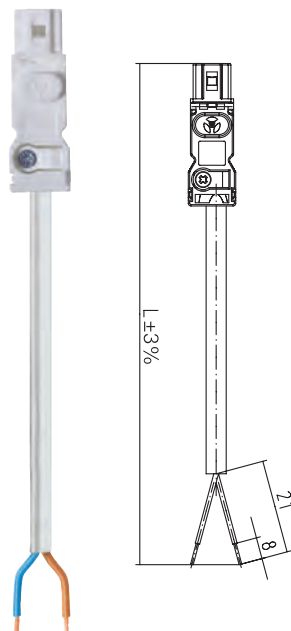
		H05VV-F halogenated	H05Z1Z1-F halogen free
	Length (m)	Part No.	Part No.
Cable color: ■ black Color of coding: ■ black Marking of poles: L, N Application: Protection class II 250 V	1	91.222.1003.1	91.222.1063.1
	2	91.222.2003.1	91.222.2063.1
	3	91.222.3003.1	91.222.3063.1
	4	91.222.4003.1	91.222.4063.1
	5	91.222.5003.1	91.222.5063.1
	6	91.222.6003.1	91.222.6063.1
	7	91.222.7003.1	91.222.7063.1
	8	91.222.8003.1	91.222.8063.1
Cable color: □ white Color of coding: □ white Marking of poles: L, N Application: Protection class II 250 V	1	91.222.1003.2	91.222.1063.2
	2	91.222.2003.2	91.222.2063.2
	3	91.222.3003.2	91.222.3063.2
	4	91.222.4003.2	91.222.4063.2
	5	91.222.5003.2	91.222.5063.2
	6	91.222.6003.2	91.222.6063.2
	7	91.222.7003.2	91.222.7063.2
	8	91.222.8003.2	91.222.8063.2
Cable color: ■ pastel blue Color of coding: ■ pastel blue Marking of poles: D1, D2 Application: not SELV	1	91.222.1003.9	91.222.1063.9
	2	91.222.2003.9	91.222.2063.9
	3	91.222.3003.9	91.222.3063.9
	4	91.222.4003.9	91.222.4063.9
	5	91.222.5003.9	91.222.5063.9
	6	91.222.6003.9	91.222.6063.9
	7	91.222.7003.9	91.222.7063.9
	8	91.222.8003.9	91.222.8063.9
Cable color: ■ light blue Color of coding: ■ light blue Marking of poles: 1, 2 Application: SELV	1	91.222.1003.6	
	2	91.222.2003.6	
	3	91.222.3003.6	
	4	91.222.4003.6	
	5	91.222.5003.6	
	6	91.222.6003.6	
	7	91.222.7003.6	
	8	91.222.8003.6	

## Cable assemblies, 2-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V  
 Rated current: 16 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV



#### Connection cable, male - free end

			H05VV-F halogenated	H05Z1Z1-F halogen free
		Length (m)	Part No.	Part No.
Cable color:			■ black	■ black
Color of coding:	■ black	1	91.222.1004.1	91.222.1064.1
Marking of poles:	L, N	2	91.222.2004.1	91.222.2064.1
Application:	Protection class II	3	91.222.3004.1	91.222.3064.1
	250 V	4	91.222.4004.1	91.222.4064.1
		5	91.222.5004.1	91.222.5064.1
		6	91.222.6004.1	91.222.6064.1
		7	91.222.7004.1	91.222.7064.1
		8	91.222.8004.1	91.222.8064.1
Cable color:			□ white	□ white
Color of coding:	□ white	1	91.222.1004.2	91.222.1064.2
Marking of poles:	L, N	2	91.222.2004.2	91.222.2064.2
Application:	Protection class II	3	91.222.3004.2	91.222.3064.2
	250 V	4	91.222.4004.2	91.222.4064.2
		5	91.222.5004.2	91.222.5064.2
		6	91.222.6004.2	91.222.6064.2
		7	91.222.7004.2	91.222.7064.2
		8	91.222.8004.2	91.222.8064.2
Cable color:			□ white	□ white
Color of coding:	■ pastel blue	1	91.222.1004.9	91.222.1064.9
Marking of poles:	D1, D2	2	91.222.2004.9	91.222.2064.9
Application:	not SELV	3	91.222.3004.9	91.222.3064.9
		4	91.222.4004.9	91.222.4064.9
		5	91.222.5004.9	91.222.5064.9
		6	91.222.6004.9	91.222.6064.9
		7	91.222.7004.9	91.222.7064.9
		8	91.222.8004.9	91.222.8064.9
Cable color:			□ white	
Color of coding:	■ light blue	1	91.222.1004.6	
Marking of poles:	1, 2	2	91.222.2004.6	
Application:	SELV	3	91.222.3004.6	
		4	91.222.4004.6	
		5	91.222.5004.6	
		6	91.222.6004.6	
		7	91.222.7004.6	
		8	91.222.8004.6	

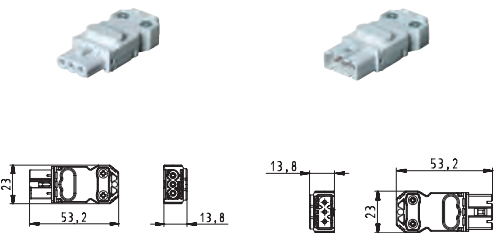


Connector, 3-pole

Screw connection			
Rated voltage:	250V	Cross section fine-stranded:	0,5 - 2,5mm²
Rated current:	16 A	Cross section solid:	0,5 - 2,5mm²
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV
Pollution degree:	2	Housing material:	Polyamide
Terminations per pole:	1	for insulation and sheath strip lengths please see technical data	
Lockable:	Yes		

female

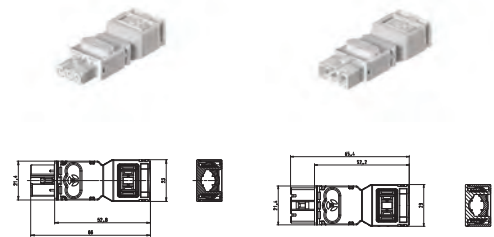
male



For cables Ø 5.5 - 9 mm			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250 V	L, N, PE	91.931.3053.1	91.932.3053.1
□ white	Mains 250 V	L, N, PE	91.931.3053.0	91.932.3053.0
■ brown	Switch function 250 V	1, 2, 3	91.931.3853.0	91.932.3853.0

female

male



For cables Ø 5.6 - 11 mm			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250 V	L, N, PE	91.931.4053.1	91.932.4053.1
□ white	Mains 250 V	L, N, PE	91.931.4053.0	91.932.4053.0

## Device connectors, 3-pole

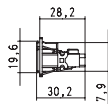
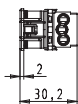
### Snap-in, Screw connection

Rated voltage:	250V
Rated current:	16 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1

Lockable:	Yes
Cross section fine-stranded:	0,5 - 2,5mm <sup>2</sup>
Cross section solid:	0,5 - 2,5mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male

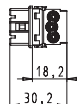
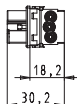


#### Housing material thickness 0.5-1.5 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250 V	L, N, PE	91.931.9053.1	91.932.9053.1
□ white	Mains 250 V	L, N, PE	91.931.9053.0	91.932.9053.0
■ brown	Switch function 250 V	1, 2, 3	91.931.9853.0	91.932.9853.0

female

male



#### Housing material thickness 0.5-1.5 mm, protruding, not pluggable with flush-mounted snap-ins

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250 V	L, N, PE	91.931.9153.1	91.932.9153.1
□ white	Mains 250 V	L, N, PE	91.931.9153.0	91.932.9153.0

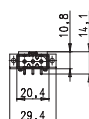
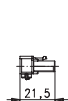
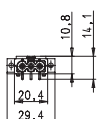
### Solder connector, Soldering connection

Rated voltage:	250V
Rated current:	16 A
Degree of protection (IP):	IP20
Pollution degree:	2

Terminations per pole:	1
Lockable:	Yes
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male



#### horizontal, with fastening flange

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250 V	L, N, PE	91.033.0153.1	91.034.0153.1
□ white	Mains 250 V	L, N, PE	91.033.0153.0	91.034.0153.0
■ brown	Switch function 250 V	1, 2, 3	91.033.0753.0	91.034.0753.0



## Device connectors, 3-pole

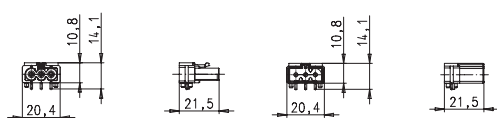
### Solder connector, Soldering connection

Rated voltage:	250V
Rated current:	16 A
Degree of protection (IP):	IP20
Pollution degree:	2

Terminations per pole:	1
Lockable:	Yes
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male



#### horizontal, without fastening flange

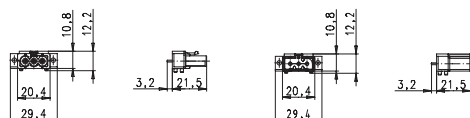
female

male

Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250 V	L, N, PE	91.033.0053.1	91.034.0053.1
□ white	Mains 250 V	L, N, PE	91.033.0053.0	91.034.0053.0
■ brown	Switch function 250 V	1, 2, 3	91.033.0653.0	91.034.0653.0

female

male



#### vertical, with fastening flange

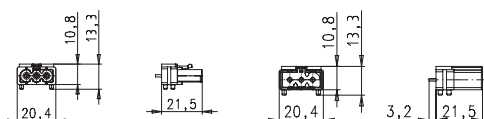
female

male

Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250 V	L, N, PE	91.031.0153.1	91.032.0153.1
□ white	Mains 250 V	L, N, PE	91.031.0153.0	91.032.0153.0
■ brown	Switch function 250 V	1, 2, 3	91.031.0753.0	91.032.0753.0

female

male



#### vertical, without fastening flange


female

male

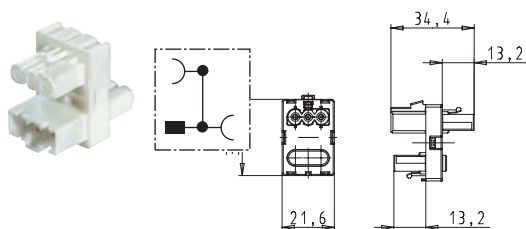
Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250 V	L, N, PE	91.031.0053.1	91.032.0053.1
□ white	Mains 250 V	L, N, PE	91.031.0053.0	91.032.0053.0
■ brown	Switch function 250 V	1, 2, 3	91.031.0653.0	91.032.0653.0

## Distribution units, intermediate couplings

Rated voltage:	250 V or 250 / 400 V
Rated current:	16 A
Rated impulse voltage:	4 kV
Degree of protection (IP):	IP20, IP40 when plugged

Approvals:	
Lockable:	Yes
Mounting plates:	see Accessories

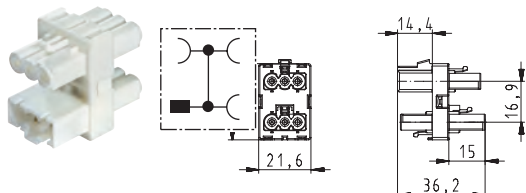
### h distributor



### 3-pole, with mounting option

Color of coding	Application	Outputs	Part No.
□ white	Mains 250 V	2	91.030.6053.0
■ black	Mains 250 V	2	91.030.6053.1

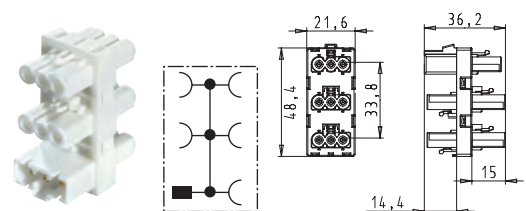
### H distributor



### 3-pole, with mounting option

Color of coding	Application	Outputs	Part No.
□ white	Mains 250 V	3	91.030.4953.0
■ black	Mains 250 V	3	91.030.4953.1

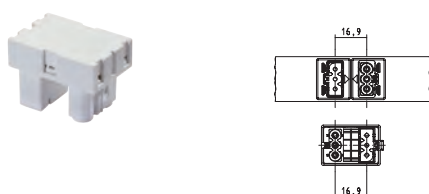
### HH distributor



### 3-pole, with mounting option

Color of coding	Application	Outputs	Part No.
□ white	Mains 250 V	5	91.030.5253.0
■ black	Mains 250 V	5	91.030.5253.1

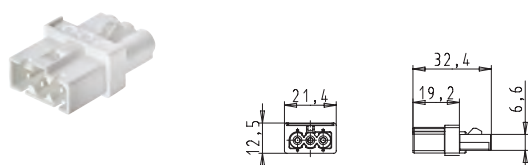
### Intermediate coupling



### 3-pole, U-piece

Color of coding	Application	Outputs	Part No.
□ white	Mains 250 V	1	91.030.5853.0
■ black	Mains 250 V	1	91.030.5853.1

### Intermediate coupling



### 3-pole, locking device for one side

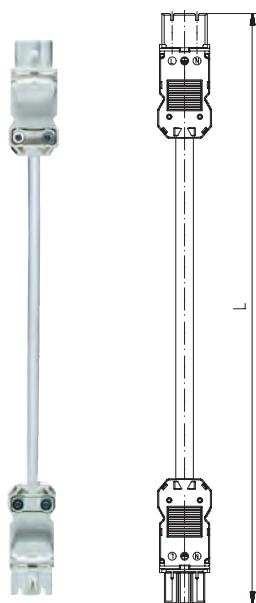
Color of coding	Application	Outputs	Part No.
□ white	Mains 250 V	1	91.030.5953.0
■ black	Mains 250 V	1	91.030.5953.1

## Cable assemblies, 3-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V  
 Rated current: 16 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 4 kV



#### Connecting cable, female - male

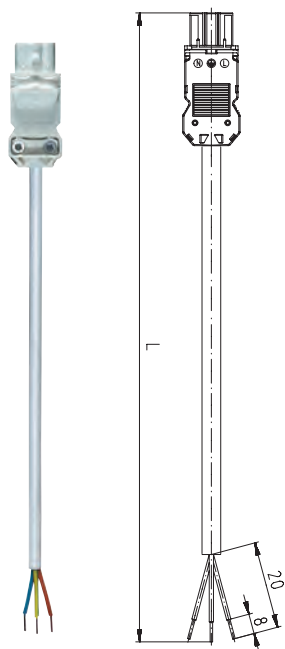
		S05Z1Z1-F halogen free		H05VV-F halogenated	
		Length (m)	Part No.	Part No.	
Cable color: <span style="color: black;">■</span> black Color of coding: <span style="color: black;">■</span> black Marking of poles: L, N, PE Application: Mains 250 V	1		91.232.1060.1	91.232.1000.1	
	2		91.232.2060.1	91.232.2000.1	
	3		91.232.3060.1	91.232.3000.1	
	4		91.232.4060.1	91.232.4000.1	
	5		91.232.5060.1	91.232.5000.1	
	6		91.232.6060.1	91.232.6000.1	
	7		91.232.7060.1	91.232.7000.1	
	8		91.232.8060.1	91.232.8000.1	
Cable color: <span style="color: white;">□</span> white Color of coding: <span style="color: white;">□</span> white Marking of poles: L, N, PE Application: Mains 250 V	1		91.232.1060.2	91.232.1000.2	
	2		91.232.2060.2	91.232.2000.2	
	3		91.232.3060.2	91.232.3000.2	
	4		91.232.4060.2	91.232.4000.2	
	5		91.232.5060.2	91.232.5000.2	
	6		91.232.6060.2	91.232.6000.2	
	7		91.232.7060.2	91.232.7000.2	
	8		91.232.8060.2	91.232.8000.2	
Cable color: <span style="color: brown;">■</span> brown Color of coding: <span style="color: brown;">■</span> brown Marking of poles: 1, 2, 3 Application: Switch function 250 V	1			91.232.1000.4	
	2			91.232.2000.4	
	3			91.232.3000.4	
	4			91.232.4000.4	
	5			91.232.5000.4	
	6			91.232.6000.4	
	7			91.232.7000.4	
	8			91.232.8000.4	

# Cable assemblies, 3-pole

## 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V  
 Rated current: 16 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV



### Connection cable, female - free end

		H05VV-F halogenated	H05Z1Z1-F halogen free
	Length (m)	Part No.	Part No.
Cable color: ■ black Color of coding: ■ black Marking of poles: L, N, PE Application: Mains 250 V	1	91.232.1003.1	91.232.1063.1
	2	91.232.2003.1	91.232.2063.1
	3	91.232.3003.1	91.232.3063.1
	4	91.232.4003.1	91.232.4063.1
	5	91.232.5003.1	91.232.5063.1
	6	91.232.6003.1	91.232.6063.1
	7	91.232.7003.1	91.232.7063.1
	8	91.232.8003.1	91.232.8063.1
Cable color: □ white Color of coding: □ white Marking of poles: L, N, PE Application: Mains 250 V	1	91.232.1003.2	91.232.1063.2
	2	91.232.2003.2	91.232.2063.2
	3	91.232.3003.2	91.232.3063.2
	4	91.232.4003.2	91.232.4063.2
	5	91.232.5003.2	91.232.5063.2
	6	91.232.6003.2	91.232.6063.2
	7	91.232.7003.2	91.232.7063.2
	8	91.232.8003.2	91.232.8063.2
Cable color: ■ brown Color of coding: ■ black Marking of poles: 1, 2, 3 Application: Switch function 250 V	1	91.232.1003.4	
	2	91.232.2003.4	
	3	91.232.3003.4	
	4	91.232.4003.4	
	5	91.232.5003.4	
	6	91.232.6003.4	
	7	91.232.7003.4	
	8	91.232.8003.4	

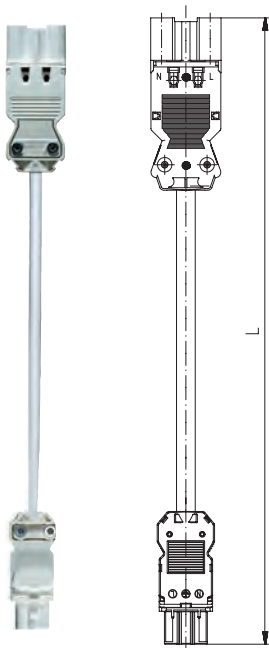
### Connection cable, male - free end

		H05VV-F halogenated	H05Z1Z1-F halogen free
	Length (m)	Part No.	Part No.
Cable color: ■ black Color of coding: ■ black Marking of poles: L, N, PE Application: Mains 250 V	1	91.232.1004.1	91.232.1064.1
	2	91.232.2004.1	91.232.2064.1
	3	91.232.3004.1	91.232.3064.1
	4	91.232.4004.1	91.232.4064.1
	5	91.232.5004.1	91.232.5064.1
	6	91.232.6004.1	91.232.6064.1
	7	91.232.7004.1	91.232.7064.1
	8	91.232.8004.1	91.232.8064.1
Cable color: □ white Color of coding: □ white Marking of poles: L, N, PE Application: Mains 250 V	1	91.232.1004.2	91.232.1064.2
	2	91.232.2004.2	91.232.2064.2
	3	91.232.3004.2	91.232.3064.2
	4	91.232.4004.2	91.232.4064.2
	5	91.232.5004.2	91.232.5064.2
	6	91.232.6004.2	91.232.6064.2
	7	91.232.7004.2	91.232.7064.2
	8	91.232.8004.2	91.232.8064.2
Cable color: ■ brown Color of coding: ■ black Marking of poles: 1, 2, 3 Application: Switch function 250 V	1	91.232.1004.4	
	2	91.232.2004.4	
	3	91.232.3004.4	
	4	91.232.4004.4	
	5	91.232.5004.4	
	6	91.232.6004.4	
	7	91.232.7004.4	
	8	91.232.8004.4	

Cable assemblies, 3-pole

1.5 mm², 16 A

Rated voltage:	250V	Pollution degree:	2
Rated current:	16 A	Lockable:	Yes
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV



Adapter cable, GST18i3 male – GST15i3 female		H05VV-F halogenated Part No.	H05Z1Z1-F halogen free Part No.
Length (m)			
Cable color: ■ black Color of coding: ■ black Marking of poles: L, N, PE Application: Mains 250 V	1	91.232.1009.1	91.232.1069.1
	2	91.232.2009.1	91.232.2069.1
	3	91.232.3009.1	91.232.3069.1
	4	91.232.4009.1	91.232.4069.1
	5	91.232.5009.1	91.232.5069.1
	6	91.232.6009.1	91.232.6069.1
	7	91.232.7009.1	91.232.7069.1
	8	91.232.8009.1	91.232.8069.1
Cable color: □ white Color of coding: □ white Marking of poles: L, N, PE Application: Mains 250 V	1	91.232.1009.2	91.232.1069.2
	2	91.232.2009.2	91.232.2069.2
	3	91.232.3009.2	91.232.3069.2
	4	91.232.4009.2	91.232.4069.2
	5	91.232.5009.2	91.232.5069.2
	6	91.232.6009.2	91.232.6069.2
	7	91.232.7009.2	91.232.7069.2
	8	91.232.8009.2	91.232.8069.2



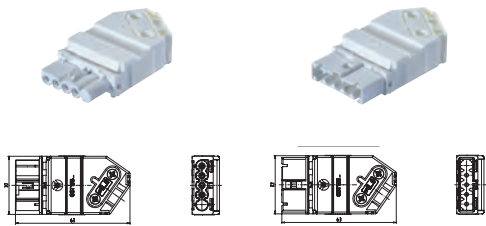
Connector, 4-pole

Screw connection

Rated voltage:	250V/ 400V	Cross section fine-stranded:	0,5 - 2,5mm²
Rated current:	16 A	Cross section solid:	0,5 - 2,5mm²
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV
Pollution degree:	2	Housing material:	Polyamide
Terminations per pole:	1	for insulation and sheath strip lengths please see technical data	
Lockable:	Yes		

female

male



For cables Ø 6 - 11.5 mm

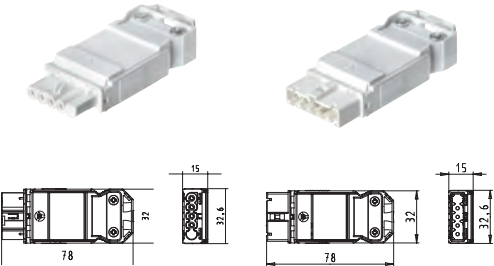
female

male

Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250/400 V	2, 1, PE, N	91.941.3053.1	91.942.3053.1
□ white	Mains 250/400 V	2, 1, PE, N	91.941.3053.0	91.942.3053.0

female

male



For cables Ø 8.5 - 12.5 mm

female

male

Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250/400 V	2, 1, PE, N	91.941.4053.1	91.942.4053.1
□ white	Mains 250/400 V	2, 1, PE, N	91.941.4053.0	91.942.4053.0

## Device connectors, 4-pole

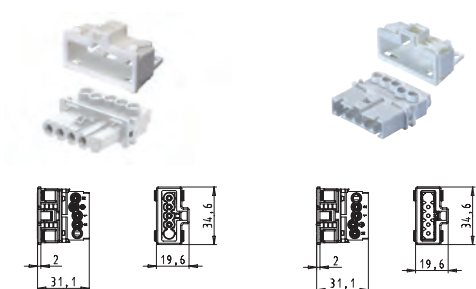
### Snap-in, Screw connection

Rated voltage:	250V/ 400V
Rated current:	16 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1

Lockable:	Yes
Cross section fine-stranded:	0,5 - 2,5mm <sup>2</sup>
Cross section solid:	0,5 - 2,5mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male



### Housing material thickness 0.5-1.5 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	2, 1, PE, N	91.941.9053.1	91.942.9053.1
□ white	Mains 250/400 V	2, 1, PE, N	91.941.9053.0	91.942.9053.0

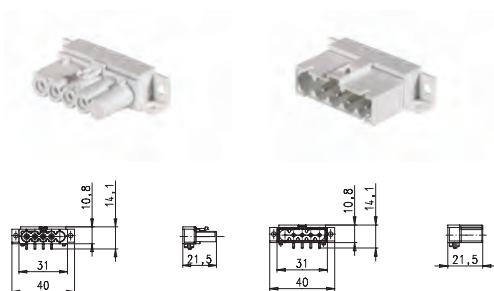
### Solder connector, Soldering connection

Rated voltage:	250V/ 400V
Rated current:	16 A
Degree of protection (IP):	IP20
Pollution degree:	2

Terminations per pole:	1
Lockable:	Yes
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male

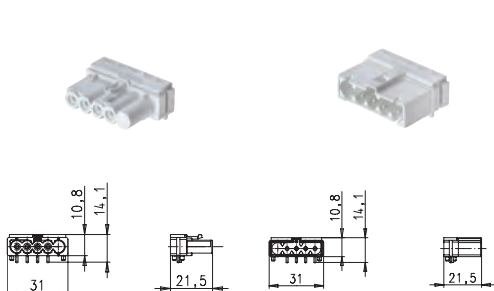


### horizontal, with fastening flange

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	2, 1, PE, N	91.043.0153.1	91.044.0153.1
□ white	Mains 250/400 V	2, 1, PE, N	91.043.0153.0	91.044.0153.0

female

male



### horizontal, without fastening flange

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	2, 1, PE, N	91.043.0053.1	91.044.0053.1
□ white	Mains 250/400 V	2, 1, PE, N	91.043.0053.0	91.044.0053.0



Device connectors, 4-pole

Solder connector, Soldering connection

Rated voltage:250V/ 400V

Rated current:16 A

Degree of protection (IP):IP20

Pollution degree:2

Terminations per pole:1

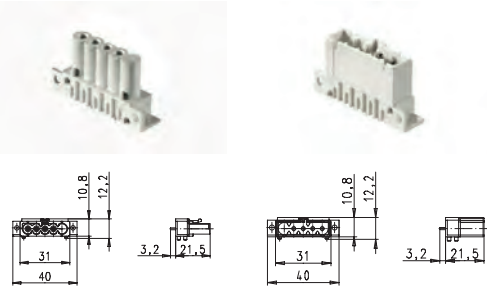
Lockable:Yes

Rated impulse voltage:4 kV

Housing material:Polyamide

female

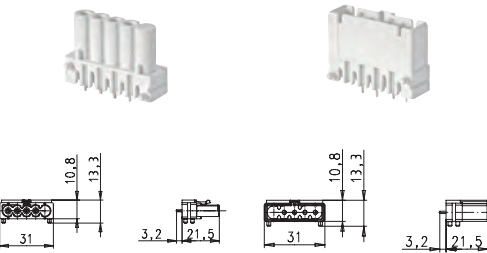
male



vertical, with fastening flange			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250/400 V	2, 1, PE, N	91.041.0153.1	91.042.0153.1
□ white	Mains 250/400 V	2, 1, PE, N	91.041.0153.0	91.042.0153.0

female

male



vertical, without fastening flange			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250/400 V	2, 1, PE, N	91.041.0053.1	91.042.0053.1
□ white	Mains 250/400 V	2, 1, PE, N	91.041.0053.0	91.042.0053.0

Cable assemblies, 4-pole

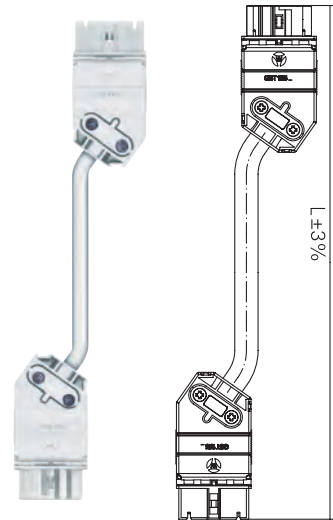
1.5 mm², 16 A

Rated voltage:	250V/ 400V	Pollution degree:	2
Rated current:	16 A	Lockable:	Yes
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV

Connecting cable, female - male

	H05VV-F	H05Z1Z1-F
	halogenated	halogen free
Length (m)	Part No.	Part No.

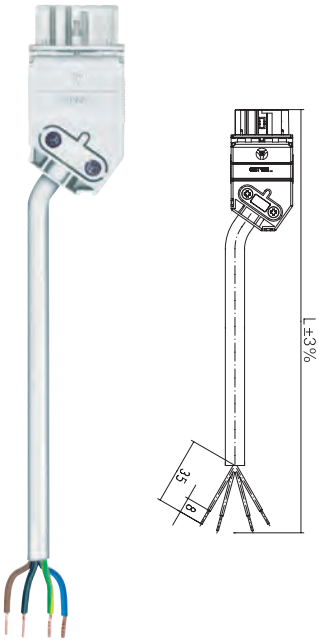
Cable color:	<input type="checkbox"/> white	<input type="checkbox"/> white
Color of coding:	<input type="checkbox"/> white	
Marking of poles:	2, 1, PE, N	
Application:	Mains 250/400 V	
	1	91.207.1000.2
	2	91.207.2000.2
	3	91.207.3000.2
	4	91.207.4000.2
	5	91.207.5000.2
	6	91.207.6000.2
	7	91.207.7000.2
	8	91.207.8000.2



Cable assemblies, 4-pole

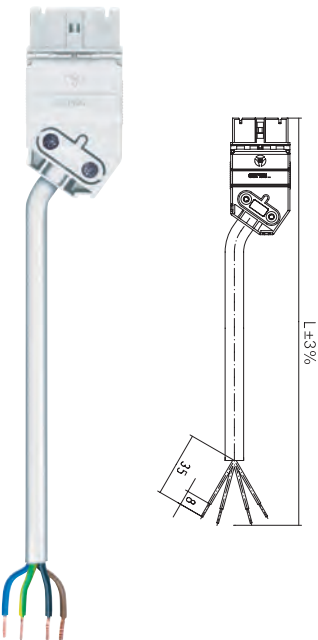
1.5 mm², 16 A

Rated voltage:	250V/ 400V	Lockable:	Yes
Rated current:	16 A	Preparation of conductor ends:	Ultrasonically compressed wire ends
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV
Pollution degree:	2		



Connection cable, female - free end

		H05VV-F halogenated	H05Z1Z1-F halogen free
		Part No.	Part No.
Cable color:	<input type="checkbox"/> white	<input type="checkbox"/> white	<input type="checkbox"/> white
Color of coding:	<input type="checkbox"/> white	<input type="checkbox"/> white	<input type="checkbox"/> white
Marking of poles:	2, 1, PE, N	2, 1, PE, N	2, 1, PE, N
Application:	Mains 250/400 V	Mains 250/400 V	Mains 250/400 V
Length (m)	1	91.207.1003.2	91.207.1063.2
	2	91.207.2003.2	91.207.2063.2
	3	91.207.3003.2	91.207.3063.2
	4	91.207.4003.2	91.207.4063.2
	5	91.207.5003.2	91.207.5063.2
	6	91.207.6003.2	91.207.6063.2
	7	91.207.7003.2	91.207.7063.2
	8	91.207.8003.2	91.207.8063.2



Connection cable, male - free end

		H05VV-F halogenated	H05Z1Z1-F halogen free
		Part No.	Part No.
Cable color:	<input type="checkbox"/> white	<input type="checkbox"/> white	<input type="checkbox"/> white
Color of coding:	<input type="checkbox"/> white	<input type="checkbox"/> white	<input type="checkbox"/> white
Marking of poles:	2, 1, PE, N	2, 1, PE, N	2, 1, PE, N
Application:	Mains 250/400 V	Mains 250/400 V	Mains 250/400 V
Length (m)	1	91.207.1004.2	91.207.1064.2
	2	91.207.2004.2	91.207.2064.2
	3	91.207.3004.2	91.207.3064.2
	4	91.207.4004.2	91.207.4064.2
	5	91.207.5004.2	91.207.5064.2
	6	91.207.6004.2	91.207.6064.2
	7	91.207.7004.2	91.207.7064.2
	8	91.207.8004.2	91.207.8064.2



## Connector, 5-pole

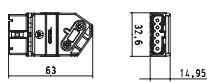
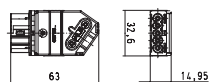
### Screw connection

Rated voltage:	250V/ 400V
Rated current:	16 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1
Lockable:	Yes

Cross section fine-stranded:	0,5 - 2,5mm <sup>2</sup>
Cross section solid:	0,5 - 2,5mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide
for insulation and sheath strip lengths please see technical data	

female

male



For cables Ø 6 - 11.5 mm

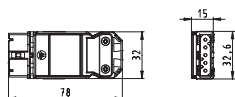
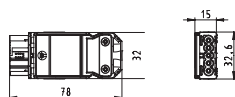
female

male

Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250/400 V	3, 2, 1, PE, N	91.951.3053.1	91.952.3053.1
□ white	Mains 250/400 V	3, 2, 1, PE, N	91.951.3053.0	91.952.3053.0
■ pastel blue	Mains 250 V + not SELV	L, N, PE, D2, D1	91.951.3453.0	91.952.3453.0
■ light blue	SELV	1, 2, 3, 4, 5	91.951.3353.0	91.952.3353.0
■ may green	Acc. to customer requirements (with PE)	1, 2, PE, 3, 4/N	91.951.3253.0	91.952.3253.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3, 4, 5/N	91.951.3653.0	91.952.3653.0

female

male



For cables Ø 8.5 - 12.5 mm

female

male

Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250/400 V	3, N, PE, 2, 1	91.951.4053.1	91.952.4053.1
□ white	Mains 250/400 V	3, N, PE, 2, 1	91.951.4053.0	91.952.4053.0
■ pastel blue	Mains 250 V + not SELV	L, N, PE, D2, D1	91.951.4453.0	91.952.4453.0
■ light blue	SELV	1, 2, 3, 4, 5	91.951.4353.0	91.952.4353.0
■ may green	Acc. to customer requirements (with PE)	1, 2, PE, 3, 4/N	91.951.4253.0	91.952.4253.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3, 4, 5/N	91.951.4653.0	91.952.4653.0

## Device connectors, 5-pole

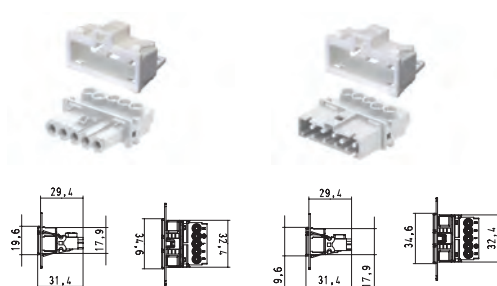
### Snap-in, Screw connection

Rated voltage:	250V/ 400V
Rated current:	16 A
Degree of protection (IP):	IP20
Pollution degree:	2
Terminations per pole:	1

Lockable:	Yes
Cross section fine-stranded:	0,5 - 2,5mm <sup>2</sup>
Cross section solid:	0,5 - 2,5mm <sup>2</sup>
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male



### Housing material thickness 0.5-1.5 mm

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	3, 2, 1, PE, N	91.951.9053.1	91.952.9053.1
□ white	Mains 250/400 V	3, 2, 1, PE, N	91.951.9053.0	91.952.9053.0
■ pastel blue	Mains 250 V + not SELV	D1, D2, L, PE, N	91.951.9453.0	91.952.9453.0
■ light blue	SELV	1, 2, 3, 4, 5	91.951.9353.0	91.952.9353.0
■ may green	Acc. to customer requirements (with PE)	1, 2, PE, 3, 4/N	91.951.9253.0	91.952.9253.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3, 4, 5/N	91.951.9653.0	91.952.9653.0

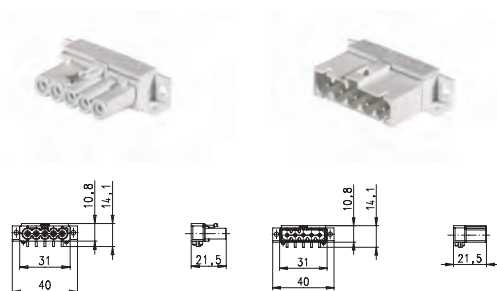
### Solder connector, Soldering connection

Rated voltage:	250V/ 400V
Rated current:	16 A
Degree of protection (IP):	IP20
Pollution degree:	2

Terminations per pole:	1
Lockable:	Yes
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male

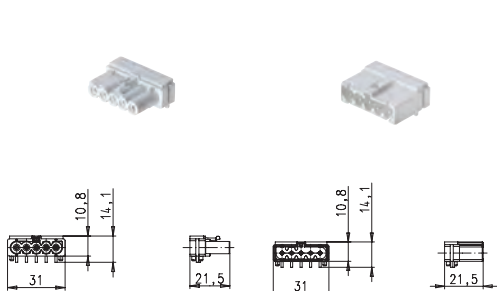


### horizontal, with fastening flange

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	3, 2, 1, PE, N	91.053.0153.1	91.054.0153.1
□ white	Mains 250/400 V	3, 2, 1, PE, N	91.053.0153.0	91.054.0153.0
■ pastel blue	Mains 250 V + not SELV	L, N, PE, D2, D1	91.053.0353.0	91.054.0353.0
■ light blue	SELV	1, 2, 3, 4, 5	91.053.0553.0	91.054.0553.0
■ may green	Acc. to customer requirements (with PE)	1, 2, PE, 3, 4/N	91.053.1353.0	91.054.1353.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3, 4, 5/N	91.053.1553.0	91.054.1553.0

female

male



### horizontal, without fastening flange

Color of coding	Application	Marking of poles	female Part No.	male Part No.
■ black	Mains 250/400 V	3, 2, 1, PE, N	91.053.0053.1	91.054.0053.1
□ white	Mains 250/400 V	3, 2, 1, PE, N	91.053.0053.0	91.054.0053.0
■ Pastel blue	Mains 250 V + not SELV	L, N, PE, D2, D1	91.053.0253.0	91.054.0253.0
■ Light blue	SELV	1, 2, 3, 4, 5	91.053.0453.0	91.054.0453.0
■ may green	Acc. to customer requirements (with PE)	1, 2, PE, 3, 4/N	91.053.1253.0	91.054.1253.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3, 4, 5/N	91.053.1453.0	91.054.1453.0

## Device connectors, 5-pole

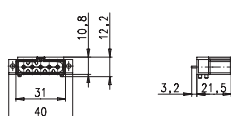
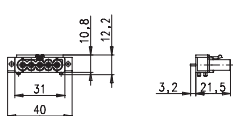
### Solder connector, Soldering connection

Rated voltage:	250V/ 400V
Rated current:	16 A
Degree of protection (IP):	IP20
Pollution degree:	2

Terminations per pole:	1
Lockable:	Yes
Rated impulse voltage:	4 kV
Housing material:	Polyamide

female

male



#### vertical, with fastening flange

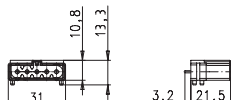
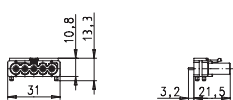
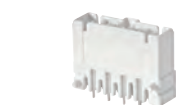
female

male

Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250/400 V	3, 2, 1, PE, N	91.051.0153.1	91.052.0153.1
□ white	Mains 250/400 V	3, 2, 1, PE, N	91.051.0153.0	91.052.0153.0
■ pastel blue	Mains 250 V + not SELV	L, N, PE, D2, D1	91.051.0353.0	91.052.0353.0
■ light blue	SELV	1, 2, 3, 4, 5	91.051.0553.0	91.052.0553.0
■ may green	Acc. to customer requirements (with PE)	1, 2, PE, 3, 4/N	91.051.1353.0	91.052.1353.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3, 4, 5/N	91.051.1553.0	91.052.1553.0

female

male



#### vertical, without fastening flange


female

male

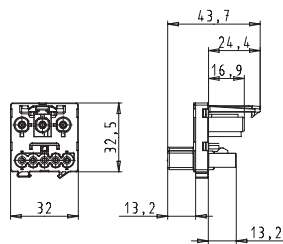
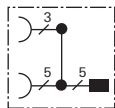
Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Mains 250/400 V	3, 2, 1, PE, N	91.051.0053.1	91.052.0053.1
□ white	Mains 250/400 V	3, 2, 1, PE, N	91.051.0053.0	91.052.0053.0
■ pastel blue	Mains 250 V + not SELV	L, N, PE, D2, D1	91.051.0253.0	91.052.0253.0
■ light blue	SELV	1, 2, 3, 4, 5	91.051.0453.0	91.052.0453.0
■ may green	Acc. to customer requirements (with PE)	1, 2, PE, 3, 4/N	91.051.1253.0	91.052.1253.0
■ turquoise	Acc. to customer requirements (without PE)	1, 2, 3, 4, 5/N	91.051.1453.0	91.052.1453.0

## Distribution units, intermediate couplings

Rated voltage:	250 V or 250 / 400 V
Rated current:	16 A
Rated impulse voltage:	4 kV
Degree of protection (IP):	IP20, IP40 when plugged

Approvals:	
Lockable:	Yes

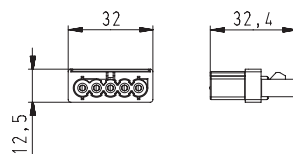
### Distribution unit



### 5-pole, without mounting option, transition from GST15i5 to GST18i3

Color of coding	Application	Tapping	Part No.
<input type="checkbox"/> white	Mains 250 V	L1	91.050.3151.0
<input type="checkbox"/> white	Mains 250 V	L2	91.050.3251.0
<input type="checkbox"/> white (6 A)	Mains 250 V	L3	91.050.3351.0

### Intermediate coupling



### 5-pole, locking device for one side

Color of coding	Application	Outputs	Part No.
<input type="checkbox"/> white	Mains 250/400 V	1	91.050.5953.0
<input checked="" type="checkbox"/> black	Mains 250/400 V	1	91.050.5953.1
<input type="checkbox"/> pastel blue	Mains 250 V + not SELV	1	91.050.6053.0



## Cable assemblies, 5-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V/ 400V  
 Rated current: 16 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 4 kV

#### Connecting cable, female - male

##### H05VV-F

halogenated

##### H05Z1Z1-F

halogen free

Length (m)

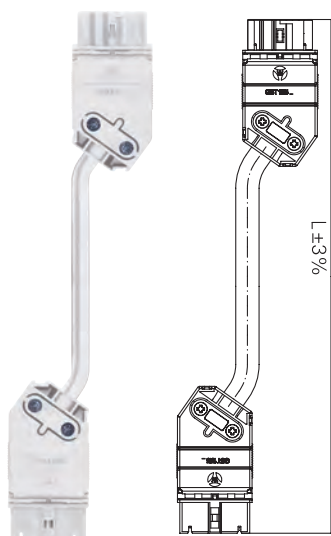
Part No.

Part No.

Cable color:	■ black	1	91.257.1000.1	91.252.1060.1
Color of coding:	■ black	2	91.257.2000.1	91.257.2060.1
Marking of poles:	3, 2, 1, PE, N	3	91.257.3000.1	91.252.3060.1
Application:	Mains 250/400 V	4	91.257.4000.1	91.257.4060.1
		5	91.257.5000.1	91.257.5060.1
		6	91.257.6000.1	91.257.6060.1
		7	91.257.7000.1	91.257.7060.1
		8	91.257.8000.1	91.257.8060.1

Cable color:	□ white	1	91.257.1000.2	91.257.1060.2
Color of coding:	□ white	2	91.257.2000.2	91.257.2060.2
Marking of poles:	3, 2, 1, PE, N	3	91.257.3000.2	91.257.3060.2
Application:	Mains 250/400 V	4	91.257.4000.2	91.257.4060.2
		5	91.257.5000.2	91.257.5060.2
		6	91.257.6000.2	91.257.6060.2
		7	91.257.7000.2	91.257.7060.2
		8	91.257.8000.2	91.257.8060.2

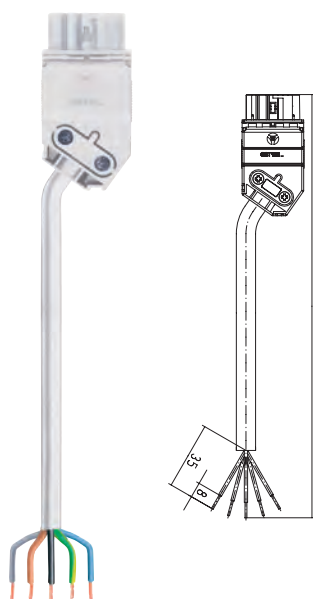
Cable color:	■ pastel blue	1	91.257.1000.9	91.257.1060.9
Color of coding:	■ pastel blue	2	91.257.2000.9	91.257.2060.9
Marking of poles:	D1, D2, L, PE, N	3	91.257.3000.9	91.257.3060.9
Application:	Mains 250 V + not SELV	4	91.257.4000.9	91.257.4060.9
		5	91.257.5000.9	91.257.5060.9
		6	91.257.6000.9	91.257.6060.9
		7	91.257.7000.9	91.257.7060.9
		8	91.257.8000.9	91.257.8060.9



## Cable assemblies, 5-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage:	250V/ 400V	Lockable:	Yes
Rated current:	16 A	Preparation of conductor ends:	Ultrasonically compressed wire ends
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV
Pollution degree:	2		



#### Connection cable, female - free end

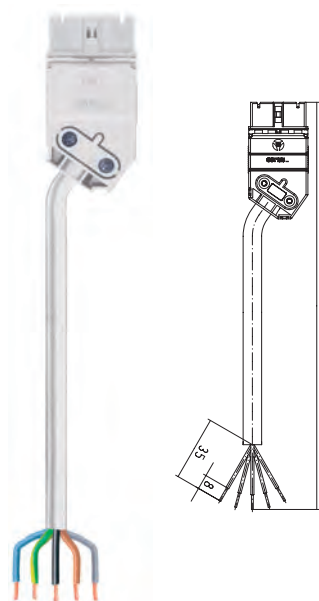
		H05VV-F halogenated	H05Z1Z1-F halogen free
	Length (m)	Part No.	Part No.
Cable color:		■ black	■ black
Color of coding:	■ black	1 91.257.1003.1	91.257.1063.1
Marking of poles:	3, 2, 1, PE, N	2 91.257.2003.1	91.257.2063.1
Application:	Mains 250/400 V	3 91.257.3003.1	91.257.3063.1
		4 91.257.4003.1	91.257.4063.1
		5 91.257.5003.1	91.257.5063.1
		6 91.257.6003.1	91.257.6063.1
		7 91.257.7003.1	91.257.7063.1
		8 91.257.8003.1	91.257.8063.1
Cable color:		□ white	□ white
Color of coding:	□ white	1 91.257.1003.2	91.257.1063.2
Marking of poles:	3, 2, 1, PE, N	2 91.257.2003.2	91.257.2063.2
Application:	Mains 250/400 V	3 91.257.3003.2	91.257.3063.2
		4 91.257.4003.2	91.257.4063.2
		5 91.257.5003.2	91.257.5063.2
		6 91.257.6003.2	91.257.6063.2
		7 91.257.7003.2	91.257.7063.2
		8 91.257.8003.2	91.257.8063.2
Cable color:		□ white	□ white
Color of coding:	■ pastel blue	1 91.257.1003.9	91.257.1063.9
Marking of poles:	D1, D2, L, PE, N	2 91.257.2003.9	91.257.2063.9
Application:	Mains 250 V + not SELV	3 91.257.3003.9	91.257.3063.9
		4 91.257.4003.9	91.257.4063.9
		5 91.257.5003.9	91.257.5063.9
		6 91.257.6003.9	91.257.6063.9
		7 91.257.7003.9	91.257.7063.9
		8 91.257.8003.9	91.257.8063.9

## Cable assemblies, 5-pole

### 1.5 mm<sup>2</sup>, 16 A

Rated voltage: 250V/ 400V  
 Rated current: 16 A  
 Degree of protection (IP): IP20  
 Pollution degree: 2

Lockable: Yes  
 Preparation of conductor ends: Ultrasonically compressed wire ends  
 Rated impulse voltage: 4 kV



#### Connection cable, male - free end

		H05VV-F halogenated	H05Z1Z1-F halogen free
	Length (m)	Part No.	Part No.
Cable color:		■ black	■ black
Color of coding:	■ black		
Marking of poles:	3, 2, 1, PE, N		
Application:	Mains 250/400 V		
	1	91.257.1004.1	91.257.1064.1
	2	91.257.2004.1	91.257.2064.1
	3	91.257.3004.1	91.257.3064.1
	4	91.257.4004.1	91.257.4064.1
	5	91.257.5004.1	91.257.5064.1
	6	91.257.6004.1	91.257.6064.1
	7	91.257.7004.1	91.257.7064.1
	8	91.257.8004.1	91.257.8064.1
Cable color:		□ white	□ white
Color of coding:	□ white		
Marking of poles:	3, 2, 1, PE, N		
Application:	Mains 250/400 V		
	1	91.257.1004.2	91.257.1064.2
	2	91.257.2004.2	91.257.2064.2
	3	91.257.3004.2	91.257.3064.2
	4	91.257.4004.2	91.257.4064.2
	5	91.257.5004.2	91.257.5064.2
	6	91.257.6004.2	91.257.6064.2
	7	91.257.7004.2	91.257.7064.2
	8	91.257.8004.2	91.257.8064.2
Cable color:		□ white	□ white
Color of coding:	■ pastel blue		
Marking of poles:	D1, D2, L, PE, N		
Application:	Mains 250 V + not SELV		
	1	91.257.1004.9	91.257.1064.9
	2	91.257.2004.9	91.257.2064.9
	3	91.257.3004.9	91.257.3064.9
	4	91.257.4004.9	91.257.4064.9
	5	91.257.5004.9	91.257.5064.9
	6	91.257.6004.9	91.257.6064.9
	7	91.257.7004.9	91.257.7064.9
	8	91.257.8004.9	91.257.8064.9

## Cable assemblies, 5-pole

### 2.5 mm<sup>2</sup>, 16 A

Rated voltage:	250V/ 400V	Pollution degree:	2
Rated current:	16 A	Lockable:	Yes
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV

#### Connection cable, female - male

#### H05Z1Z1-F

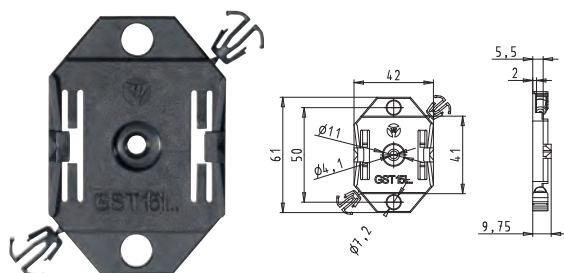
halogen free

Length (m) Part No.

Cable color:	<input type="checkbox"/> white	1	<input type="checkbox"/> white	91.253.1060.2
Color of coding:	<input type="checkbox"/> white	2		91.253.2060.2
Marking of poles:	3, 2, 1, N, PE	4		91.253.4060.2
Application:	Mains 250/400 V	6		91.253.6060.2
		8		91.253.8060.2

## Mounting material, sample kits

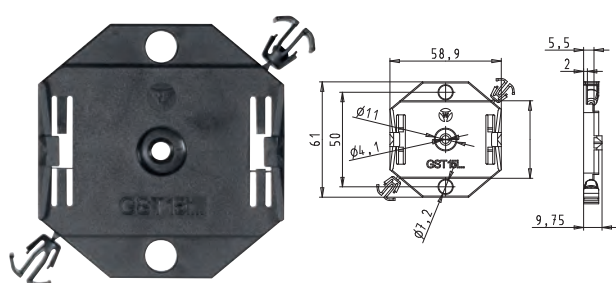
Mounting plate



GST15 mounting plate for h/H distributors

Color	Part No.
■ black	07.418.9153.1

Mounting plate



GST15 mounting plate for HH distributors

Color	Part No.
■ black	07.418.9253.1

GST15i3 sample kit



3 pole

Part No.
gesis MINI 3-pole
99.491.0000.0

GST15i2...i5 sample kit



2-pole to 5-pole

Part No.
gesis MINI SET
99.427.0000.0



# Invisible installations for your presentation!

Our **gesis**<sup>®</sup>MICRO connector system connects your light in showcases and on shelves – in places where no one else can reach. And it does so in the simplest way imaginable.

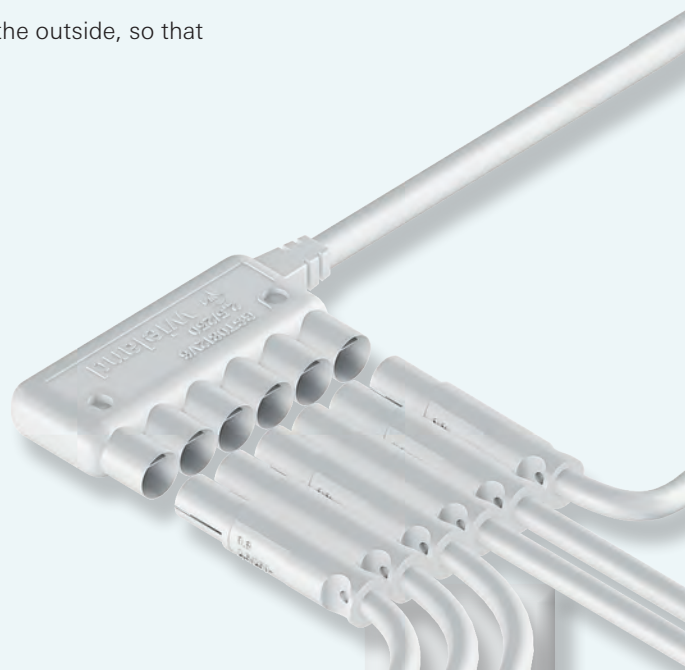
Because **gesis**<sup>®</sup>MICRO is so small, all you need is a drilled hole to run the lines through. Because **gesis**<sup>®</sup>MICRO comes as a pre-assembled cable, you do not have to connect the plugs manually – it is all “plug-and-play”. And because **gesis**<sup>®</sup>MICRO is matched to the whole **gesis**<sup>®</sup> family, you receive a complete system – and you can extend your installation, even as far as the earth contact plug of the power cord.

This makes the electrical installation inside your furniture “invisible” from the outside, so that nothing distracts the eye from the things that matter.



More information

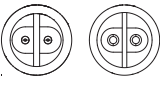
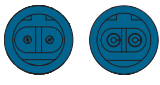
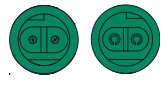
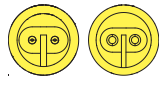
<http://eshop.wieland-electric.com>



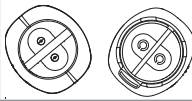


## Coding of GST08i2 connectors

### GST08i02

Code 1 L, N white	Code 2 +, - blue	Code 3 +, - green	Code 5 +, - yellow
			
<b>Application</b> Mains voltage (protection class II)	<b>Application</b> Low voltage (12 V)	<b>Application</b> Low voltage (24 V)	<b>Application</b> Low voltage (constant current)

### GST08i3

Code 1 L, N, PE white

<b>Application</b> Mains voltage (protection class I)





Device connectors, 2-pole

Solder connector, Soldering connection

Degree of protection (IP):

IP20

Lockable:

No

Pollution degree:

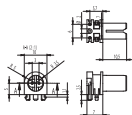
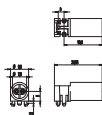
2

Housing material:

Polyamide

female

male



horizontal, without fastening flange			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
blue	Extra-low voltage parallel	+, -	90.001.0153.0	90.002.0153.0
green	Extra-low voltage parallel	+, -	90.011.0153.0	90.012.0153.0
yellow	Extra-low voltage series	+, -	90.021.0153.0	90.022.0153.0
white	Protection class II 250 V	L, N	90.031.0153.0	90.032.0153.0

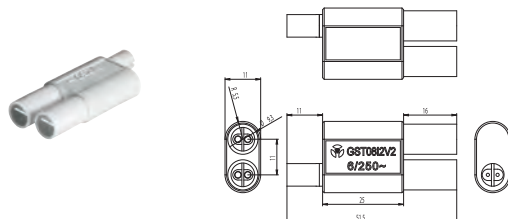
## Distribution block, 2-pole, 0.75 mm<sup>2</sup>

Degree of protection (IP):

IP20, IP40 when plugged

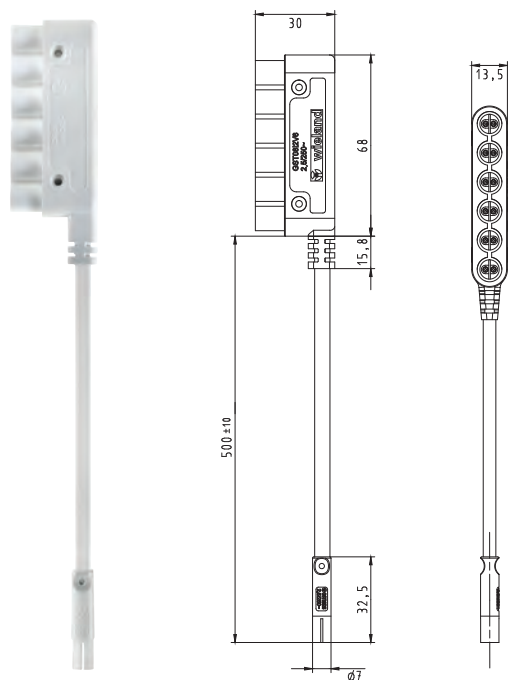
Lockable:

No



### Distribution block, 2-pole

Color of coding	Application	Outputs	Part No.
<input type="checkbox"/> white	(250 V/2,5 A/AC)	2	90.030.0153.0
<input checked="" type="checkbox"/> blue	(12 V/6 A)	2	90.000.0153.0
<input checked="" type="checkbox"/> green	(24 V/6 A)	2	90.010.0153.0
<input checked="" type="checkbox"/> yellow	(50 V/6 A/DC)	2	90.020.0153.0



### Distribution block, 2-pole, with extension cable

**H03V2V2H2-F**  
halogenated  
Part No.

Length (m)

Cable color:	<input type="checkbox"/> white	0.5	<input type="checkbox"/> white
Color of coding:	<input type="checkbox"/> white		90.230.0526.2
Pole marking:	L, N		
Application:	Mains voltage		
Outputs:	6		

### Distribution block, 2-pole, 1x input, free end

**H03V2V2H2-F**  
halogenated  
Part No.

Length (m)

Cable color:	<input checked="" type="checkbox"/> blue	0.15	<input type="checkbox"/> white
Color of coding:	<input checked="" type="checkbox"/> blue		99.413.0000.8
Pole marking:	+, -		
Application:	Low voltage (12 V)		
Outputs:	6		

### Distribution block, 2-pole, 1x input, free end

**H03V2V2H2-F**  
halogenated  
Part No.

Length (m)

Cable color:	<input checked="" type="checkbox"/> green	0.15	<input type="checkbox"/> white
Color of coding:	<input checked="" type="checkbox"/> green		99.419.0000.8
Pole marking:	+, -		
Application:	Low voltage (24 V)		
Outputs:	6		

## Accessories



### Sealing grommet IP44, 2-pole

Color	Part No.
<input type="checkbox"/> transparent	06.562.3200.0

### Cover for distribution units and female connectors, 2-pole

Color	Part No.
<input type="checkbox"/> white	06.562.3100.0

### Housing installation frame for GST08i2, 2-pole

Part No.
Installation frame incl. fixation screws
99.450.0000.8

Cable assemblies, 2-pole

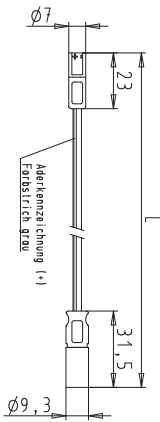
0.5 mm², 6 A			
Rated voltage:	24V	Pollution degree:	2
Rated current:	6 A	Lockable:	No
Degree of protection (IP):	IP20		

Connecting cable, female - male

LiYZ  
halogenated


Length (m)      Part No.

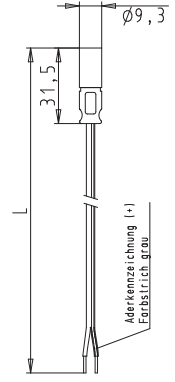
Cable color:		<input type="checkbox"/> white
Color of coding:	<input checked="" type="checkbox"/> green	0.5      90.215.0530.2
Marking of poles:	+, -	1      90.215.1030.2
Application:	Extra-low voltage parallel	1.5      90.215.1530.2



Cable assemblies, 2-pole

0.5 mm², 6 A			
Rated voltage:	24V	Lockable:	No
Rated current:	6 A	Preparation of conductor ends:	Cable end sleeve
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV
Pollution degree:	2		




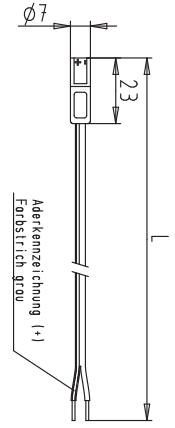


**Connection cable, female - free end**

	Length (m)	LiYZ halogenated Part No.
Cable color:		<input type="checkbox"/> white
Color of coding: <input checked="" type="checkbox"/> green	0.5	90.215.0533.2
Marking of poles: +, -	1	90.215.1033.2
Application: Extra-low voltage parallel	1.5	90.215.1533.2

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**Connection cable, male - free end**

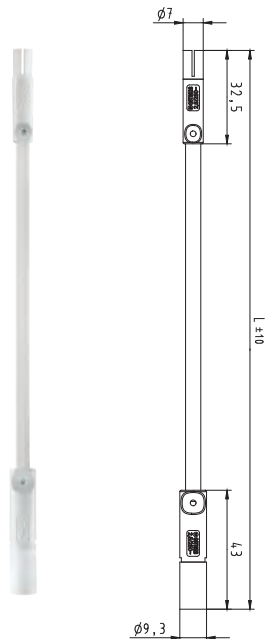
	Length (m)	LiYZ halogenated Part No.
Cable color:		<input type="checkbox"/> white
Color of coding: <input checked="" type="checkbox"/> green	0.5	90.215.0534.2
Marking of poles: +, -	1	90.215.1034.2
Application: Extra-low voltage parallel	1.5	90.215.1534.2

## Cable assemblies, 2-pole

### 0.75 mm<sup>2</sup>, 2.5 A

Rated voltage: 250V  
 Rated current: 2.5 A  
 Degree of protection (IP): IP20

Lockable: No  
 Preparation of conductor ends: Cable end sleeve

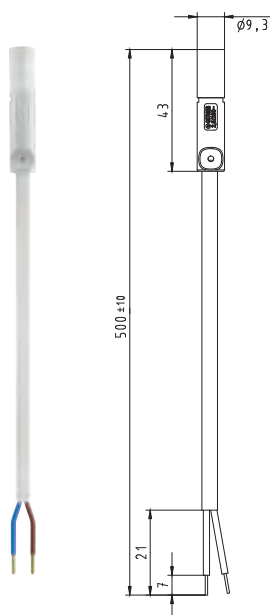


#### Connecting cable, female - male

		H03V2V2H2-F halogenated Part No.	H03Z1Z1H2-F halogen free Part No.
	Length (m)		
Cable color:		<input type="checkbox"/> white	<input type="checkbox"/> white
Color of coding:	<input type="checkbox"/> white	1 90.230.1020.2	90.230.1040.2
Marking of poles:	L, N	3 90.230.3020.2	90.230.3040.2
Application:	Protection class II 250 V		
Cable color:		<input type="checkbox"/> white	<input type="checkbox"/> white
Color of coding:	<input checked="" type="checkbox"/> green	1 90.210.1020.2	90.210.1040.2
Marking of poles:	+, -	2 90.210.2020.2	
Application:	Extra-low voltage parallel	2.5 90.210.2520.2	
	3 90.210.3020.2	90.210.3040.2	
	5 90.210.5020.2		
Cable color:		<input type="checkbox"/> white	
Color of coding:	<input checked="" type="checkbox"/> light blue	1 90.200.1020.2	
Marking of poles:	1, 2	3 90.200.3020.2	
Application:	Extra-low voltage parallel		
Cable color:		<input type="checkbox"/> white	
Color of coding:	<input checked="" type="checkbox"/> yellow	1 90.220.1020.2	
Marking of poles:	+, -	3 90.220.3020.2	
Application:	Extra-low voltage series		

#### Connection cable, female - free end

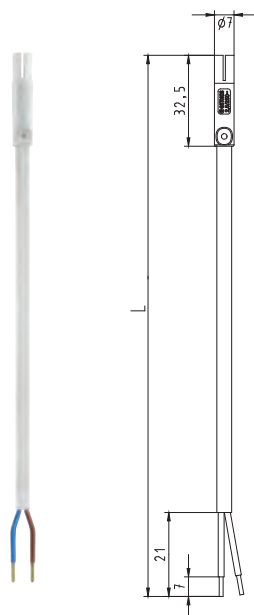
		H03V2V2H2-F halogenated Part No.	H03Z1Z1H2-F halogen free Part No.
	Length (m)		
Cable color:		<input type="checkbox"/> white	
Color of coding:	<input type="checkbox"/> white	0.5 90.230.0523.2	
Marking of poles:	L, N		
Application:	Protection class II 250 V		
Cable color:		<input type="checkbox"/> white	<input type="checkbox"/> white
Color of coding:	<input checked="" type="checkbox"/> green	0.15 99.415.0000.8	
Marking of poles:	1, 2	0.5 90.210.0523.2	90.210.0543.2
Application:	Extra-low voltage parallel	1 90.210.1023.2	
	2 90.210.2023.2		
	5 90.210.5023.2		
Cable color:		<input type="checkbox"/> white	
Color of coding:	<input checked="" type="checkbox"/> light blue	0.5 90.200.0523.2	
Marking of poles:	1, 2	3 90.200.3023.2	
Application:	Extra-low voltage parallel		
Cable color:		<input type="checkbox"/> white	
Color of coding:	<input checked="" type="checkbox"/> yellow	0.5 90.220.0523.2	
Marking of poles:	+, -		
Application:	Extra-low voltage series		



## Cable assemblies, 2-pole

### 0.75 mm<sup>2</sup>, 2.5 A

Rated voltage:	250V	Lockable:	No
Rated current:	2.5 A	Preparation of conductor ends:	Cable end sleeve
Degree of protection (IP):	IP20		

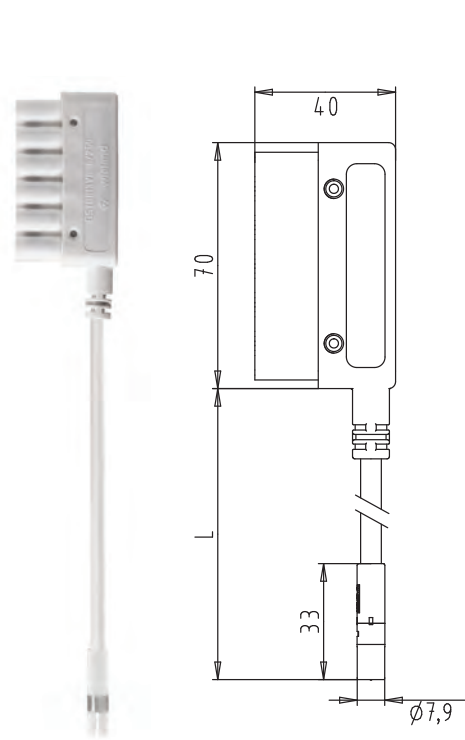


#### Connection cable, male - free end

		H03V2V2H2-F halogenated		H03Z1Z1H2-F halogen free	
		Length (m)	Part No.	Part No.	Part No.
Cable color:			<input type="checkbox"/> white	<input type="checkbox"/> white	
Color of coding:	<input type="checkbox"/> white		90.230.0524.2		
Marking of poles:	L, N	0.5		90.230.0544.2	
Application:	Protection class II 250 V	2	90.230.2024.2		
Cable color:			<input type="checkbox"/> white	<input type="checkbox"/> white	
Color of coding:	<input checked="" type="checkbox"/> green	0.15	99.428.0000.8		
Marking of poles:	+, -	0.5	90.210.0524.2	90.210.0544.2	
Application:	Extra-low voltage parallel	1	90.210.1024.2		
		2.5	90.210.2524.2		
		5	90.210.5024.2		
Cable color:			<input type="checkbox"/> white		
Color of coding:	<input checked="" type="checkbox"/> light blue	0.5	90.200.0524.2		
Marking of poles:	1, 2	1	90.200.1024.2		
Application:	Extra-low voltage parallel				
Cable color:			<input type="checkbox"/> white		
Color of coding:	<input checked="" type="checkbox"/> yellow	0.5	90.220.0524.2		
Marking of poles:	+, -				
Application:	Extra-low voltage series				

Distribution block,3-pole

0.75 mm², 6 A			
Rated voltage:	250 V	Cable diameter:	5.5 mm
Rated current:	6 A	Lockable:	No
Degree of protection:	IP20, IP40 when plugged		



Distribution block with extension cable, 3-pole

H03VV-F  
halogenated  
Part No.

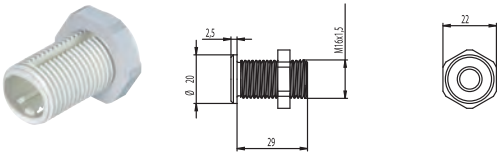
Length (m)

Cable color:	<input type="checkbox"/> white	<input type="checkbox"/> white
Color of coding:		0.5
Pole marking:	L, N, PE	90.240.0506.2
Application:	250 V/6 A	
Outputs:	6	

Accessories

Housing installation frame for GST08i3, 3-pole

Part No.  
99.451.0000.8



Cable assemblies, 3-pole

0.75 mm², 6 A

Rated voltage:

250V

Degree of protection (IP):

IP20

Rated current:

6 A

Lockable:

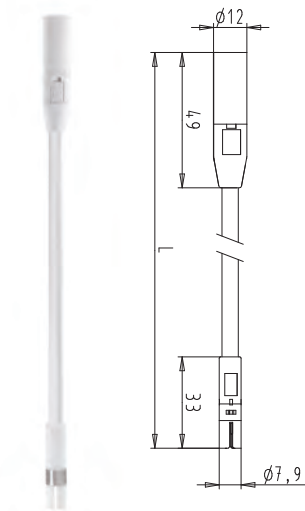
No

Connecting cable, female - male

H03VV-F  
halogenated  
Part No.

Length (m)


Cable color:	<input type="checkbox"/> white	1	<input type="checkbox"/> white
Color of coding:	<input type="checkbox"/> white	1	90.240.1000.2
Marking of poles:	L, N, PE	3	90.240.3000.2
Application:	Mains 250 V		





Cable assemblies, 3-pole

0.75 mm², 6 A			
Rated voltage:	250V	Lockable:	No
Rated current:	6 A	Preparation of conductor ends:	Cable end sleeve
Degree of protection (IP):	IP20		

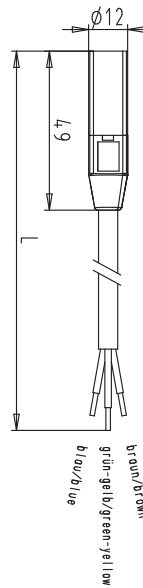


**Connection cable, female - free end**

**H03VV-F**  
halogenated

Length (m)	Part No.
0.5	90.240.0503.2

Cable color: ☐ white  
Color of coding: ☐ white  
Marking of poles: L, N, PE  
Application: Mains 250 V





**Connection cable, male - free end**

**H03VV-F**  
halogenated

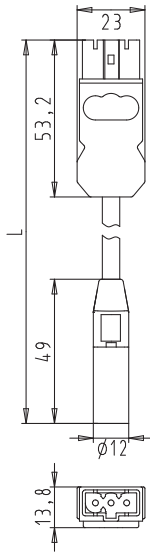
Length (m)	Part No.
0.5	90.240.0504.2

Cable color: ☐ white  
Color of coding: ☐ white  
Marking of poles: L, N, PE  
Application: Mains 250 V



Cable assemblies, 3-pole

0.75 mm², 6 A			
Rated voltage:	250V	Pollution degree:	2
Rated current:	6 A	Lockable:	Yes
Degree of protection (IP):	IP20	Rated impulse voltage:	4 kV



Adapter cable, GST15i3 male – GST08i3 female

		H03VV-F halogenated
		Part No.
Cable color:		
Color of coding:	<input type="checkbox"/> white	0.5
Marking of poles:	L, N, PE	
Application:	Mains 250 V	

## Low-voltage technology draws attention!

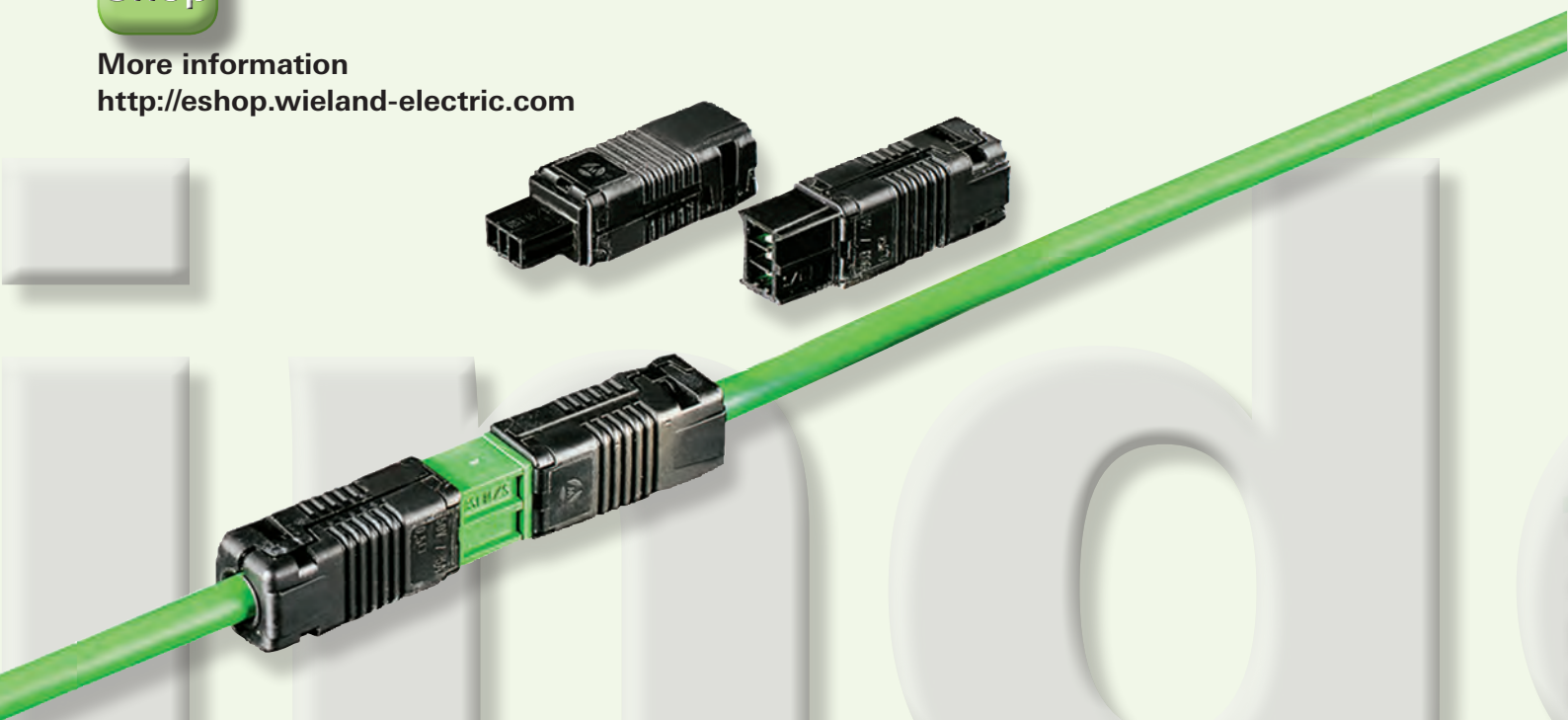
The versatile **BST** system allows the pluggable installation even of signal applications. Mechanical coding and clear assignment with different colors facilitate the installation: green for KNX and SELV applications, black for general signal or LON applications, and blue for SELV applications.

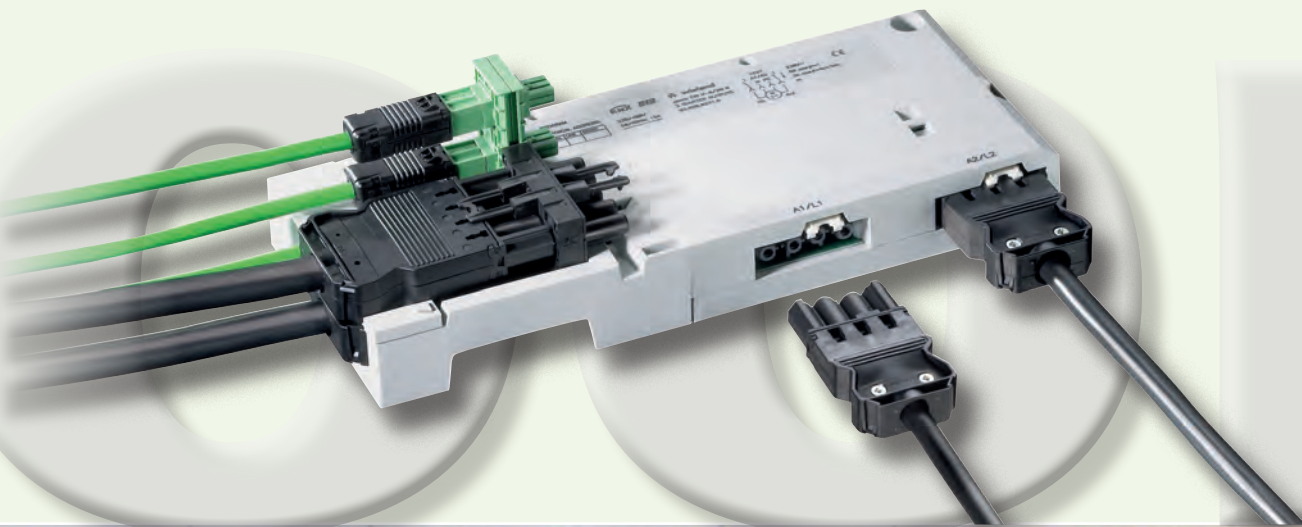
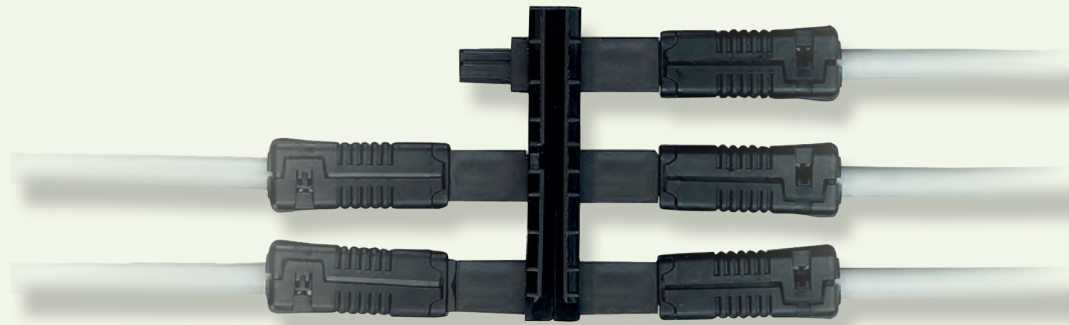
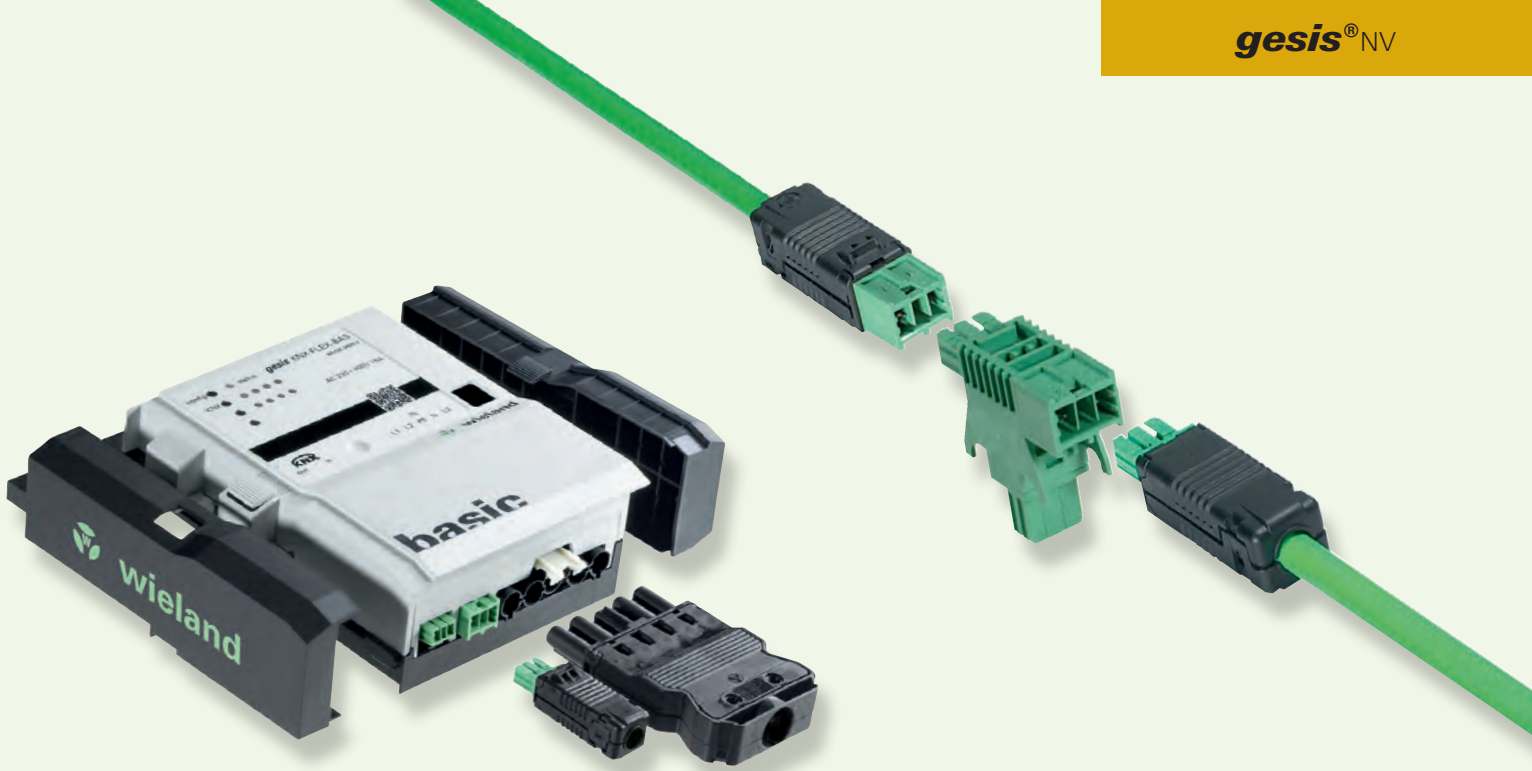
Complex installations can be completed with just four basic components – from the distribution panel unit to any point of use. Connectors can be assembled on site and serve, for instance, for the supply of the **gesis**<sup>®</sup> system. The connectors come as male and female connectors complete with strain relief and can be used to connect any current type of cable.

e-  
Shop

More information

<http://eshop.wieland-electric.com>

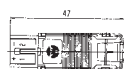
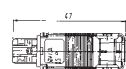




## Connector, 2-pole

### Spring force

Rated voltage:	50V	Lockable:	Yes
Rated current:	3 A	Cross section solid:	0,25 - 0,75mm <sup>2</sup>
Degree of protection (IP):	IP20	Rated impulse voltage:	0.8 kV
Pollution degree:	2	Housing material:	Polyamide
Terminations per pole:	1	for insulation and sheath strip lengths please see technical data	

**female**
**male**


### For cables Ø 5.5 - 6.5 mm

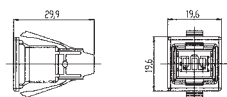
			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
■ green	SELV (KNX)	1+, 2-	93.421.0553.1	93.422.0553.1
■ pastel blue	SELV	1+, 2-	93.421.4553.1	93.422.4553.1

## Device connectors, 2-pole

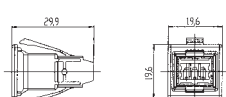
## Snap-in, Spring force

Rated voltage:	50V	Lockable:	Yes
Rated current:	3 A	Cross section solid:	0,25 - 0,75mm²
Degree of protection (IP):	IP20	Rated impulse voltage:	0.8 kV
Pollution degree:	2	Housing material:	Polyamide
Terminations per pole:	1		


**female**



**male**



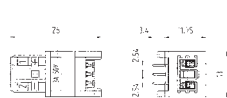
**Housing material thickness 0.5-1.5 mm**

Housing material thickness 0.5-1.5 mm			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
green	SELV (KNX)	1+, 2-	93.421.0353.1	93.422.0353.1
 pastel blue	SELV	1+, 2-	93.421.4353.1	93.422.4353.1

## Solder connector, Soldering connection

Rated voltage:	50V	Terminations per pole:	1
Rated current:	3 A	Lockable:	Yes
Degree of protection (IP):	IP20	Rated impulse voltage:	0.8 kV
Pollution degree:	2	Housing material:	Polyamide

**female**



**male**




**horizontal, without fastening flange**

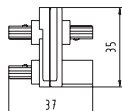
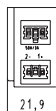
horizontal, without fastening flange			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
■ green	SELV (KNX)	1+, 2-	93.421.0653.1	93.422.0653.1
■ pastel blue	SELV	1+, 2-	93.421.4653.1	93.422.4653.1



## Distribution units

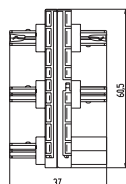
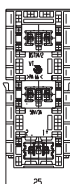
Rated voltage: 50 V  
 Rated current: 3 A  
 Rated impulse voltage: 0.8 kV

Degree of protection (IP): IP20  
 Approvals:   
 Lockable: Yes



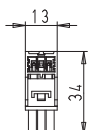
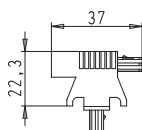
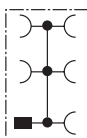
### H distributor, 2-pole without mounting option

Color of coding	Application	Outputs	Part No.
■ green	SELV (KNX)	3	93.420.0453.0



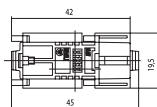
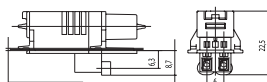
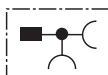
### HH distributor, 2-pole without mounting option

Color of coding	Application	Outputs	Part No.
■ green	SELV (KNX)	5	93.420.0053.0



### T distributor, 2-pole with mounting option

Color of coding	Application	Outputs	Part No.
■ green	SELV (KNX)	2	93.420.0653.0
■ pastel blue	SELV	2	93.420.4653.0



### TT distributor, 2-pole with integrated connection terminal

Color of coding	Application	Outputs	Part No.
■ pastel blue	SELV	1	93.420.4553.0

## Cable assemblies, 2-pole

### 0.5 mm<sup>2</sup>, 3 A

Rated voltage: 50V  
 Rated current: 3 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 0.8 kV



#### Connecting cable, female - male

		<b>FB-2Y(ST)Y</b> 2x2x0,8 halogenated	<b>FB-H(ST)</b> 2x2x0,8 halogen free	<b>L03VV-U</b> halogenated
	Length (m)	Part No.	Part No.	Part No.
Cable color: green Color of coding: 1+, 2- Marking of poles: KNX Application:	1	94.425.1000.7	94.425.1060.7	
	2	94.425.2000.7	94.425.2060.7	
	3	94.425.3000.7	94.425.3060.7	
	4	94.425.4000.7	94.425.4060.7	
	5	94.425.5000.7	94.425.5060.7	
	6	94.425.6000.7	94.425.6060.7	
	7	94.425.7000.7	94.425.7060.7	
	8	94.425.8000.7	94.425.8060.7	
Cable color: pastel blue Color of coding: +, - Marking of poles: SELV Application:	1	gray	green	black
	1	94.425.1000.9		94.425.1030.9
	2	94.425.2000.9		94.425.2030.9
	3	94.425.3000.9	94.425.3060.9	94.425.3030.9
	4	94.425.4000.9		94.425.4030.9
	5	94.425.5000.9	94.425.5060.9	94.425.5030.9
	6	94.425.6000.9		94.425.6030.9
	7	94.425.7000.9		94.425.7030.9
	8	94.425.8000.9		94.425.8030.9

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#### Connecting cable, female - male

		<b>L03Z1Z1-U</b> halogen free
	Length (m)	Part No.
Cable color: pastel blue Color of coding: 1+, 2- Marking of poles: SELV Application:	1	black
	1	94.425.1090.9
	2	94.425.2090.9
	3	94.425.3090.9
	4	94.425.4090.9
	5	94.425.5090.9
	6	94.425.6090.9
	7	94.425.7090.9
	8	94.425.8090.9



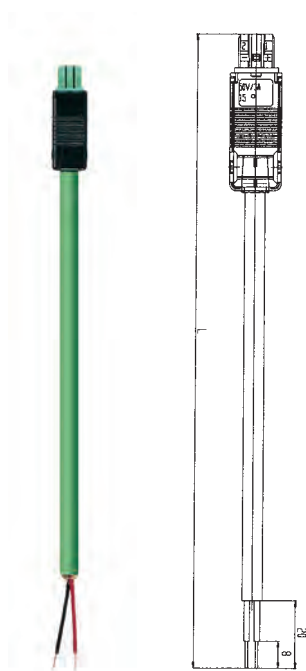


## Cable assemblies, 2-pole

### 0.5 mm<sup>2</sup>, 3 A

Rated voltage: 50V  
 Rated current: 3 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 0.8 kV

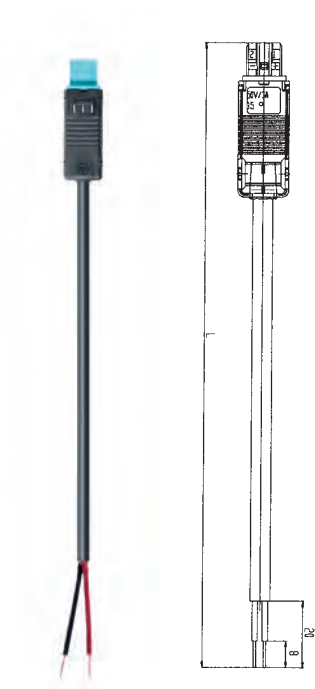


#### Connection cable, female - free end

		<b>FB-2Y(ST)Y</b> <b>2x2x0,8</b> halogenated	<b>FB-H(ST)</b> <b>2x2x0,8</b> halogen free	<b>L03VV-U</b> halogenated
		Length (m)	Part No.	Part No.
Cable color: Color of coding: Marking of poles: Application:	■ green 1+, 2- KNX	1	94.425.1003.7	94.425.1063.7
		2	94.425.2003.7	94.425.2063.7
		3	94.425.3003.7	94.425.3063.7
		4	94.425.4003.7	94.425.4063.7
		5	94.425.5003.7	94.425.5063.7
		6	94.425.6003.7	94.425.6063.7
		7	94.425.7003.7	
		8	94.425.8003.7	94.425.8063.7
Cable color: Color of coding: Marking of poles: Application:	■ pastel blue +, - SELV	1	■ gray 94.425.1003.9	■ green 94.425.1033.9
		2	94.425.2003.9	94.425.2033.9
		3	94.425.3003.9	94.425.3033.9
		4	94.425.4003.9	94.425.4033.9
		5	94.425.5003.9	94.425.5033.9
		6	94.425.6003.9	94.425.6033.9
		7	94.425.7003.9	
		8	94.425.8003.9	94.425.8033.9

Cable assemblies, 2-pole

0.5 mm², 3 A			
Rated voltage:	50V	Pollution degree:	2
Rated current:	3 A	Lockable:	Yes
Degree of protection (IP):	IP20	Rated impulse voltage:	0.8 kV



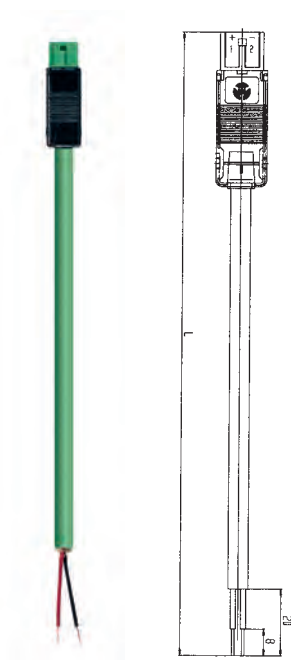
Connection cable, female - free end		L03Z1Z1-U	
		halogen free	
		Length (m)	Part No.
Cable color:	■ black	1	94.425.1093.9
Color of coding:	■ pastel blue	2	94.425.2093.9
Marking of poles:	1+, 2-	3	94.425.3093.9
Application:	SELV	5	94.425.5093.9
		6	94.425.6093.9
		7	94.425.7093.9
		8	94.425.8093.9

## Cable assemblies, 2-pole

### 0.5 mm<sup>2</sup>, 3 A

Rated voltage: 50V  
 Rated current: 3 A  
 Degree of protection (IP): IP20

Pollution degree: 2  
 Lockable: Yes  
 Rated impulse voltage: 0.8 kV



#### Connection cable, male - free end

		FB-2Y(ST)Y 2x2x0,8 halogenated	FB-H(ST) 2x2x0,8 halogen free	L03VV-U halogenated
		Part No.	Part No.	Part No.
Cable color: ■ green Color of coding: ■ green Marking of poles: 1+, 2- Application: KNX	Length (m)			
	1	94.425.1004.7	94.425.1064.7	
	2	94.425.2004.7	94.425.2064.7	
	3	94.425.3004.7	94.425.3064.7	
	4	94.425.4004.7	94.425.4064.7	
	5	94.425.5004.7	94.425.5064.7	
	6	94.425.6004.7	94.425.6064.7	
	7	94.425.7004.7	94.425.7064.7	
Cable color: ■ pastel blue Color of coding: ■ pastel blue Marking of poles: +, - Application: SELV	8	94.425.8004.7	94.425.8064.7	
	1	94.425.1004.9		94.425.1034.9
	2	94.425.2004.9		94.425.2034.9
	3	94.425.3004.9		94.425.3034.9
	4	94.425.4004.9		94.425.4034.9
	5	94.425.5004.9		94.425.5034.9
	6			94.425.6034.9
	7			94.425.7034.9
	8			94.425.8034.9

Cable assemblies, 2-pole

0.5 mm<sup>2</sup>, 3 A

Rated voltage:

Rated current:

Degree of protection (IP):

50V

3 A

IP20

Pollution degree:

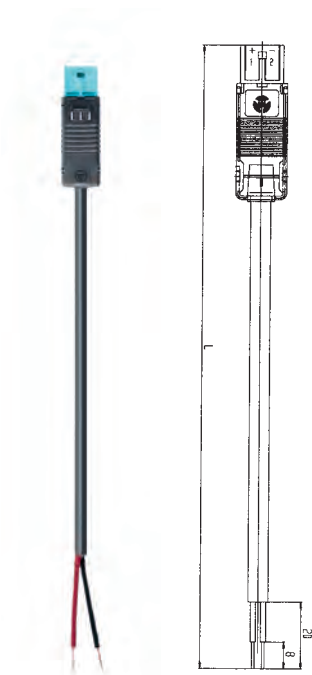
Lockable:

Rated impulse voltage:

2

Yes

0.8 kV



Connection cable, male - free end

L03Z1Z1-U

halogen free

		Length (m)	Part No.
Cable color:	■ black		
Color of coding:	■ pastel blue	1	94.425.1094.9
Marking of poles:	1+, 2-	2	94.425.2094.9
Application:	SELV	3	94.425.3094.9
		4	94.425.4094.9
		5	94.425.5094.9
		6	94.425.6094.9
		7	94.425.7094.9
		8	94.425.8094.9

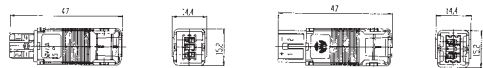
Connector, 3-pole

Spring force			
Rated voltage:	50V	Lockable:	Yes
Rated current:	3 A	Cross section solid:	0,25 - 0,75mm²
Degree of protection (IP):	IP20	Rated impulse voltage:	0.8 kV
Pollution degree:	2	Housing material:	Polyamide
Terminations per pole:	1	for insulation and sheath strip lengths please see technical data	

female



male



For cables Ø 5.5 - 6.5 mm			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Extra-low voltage parallel	1+, 2-	93.431.2553.1	93.432.2553.1
□ white	Extra-low voltage parallel	1+, 2-	93.431.2553.0	93.432.2553.0

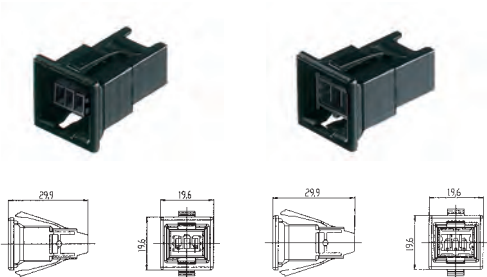
Device connectors, 3-pole

Snap-in, Spring force

Rated voltage:	50V	Lockable:	Yes
Rated current:	3 A	Cross section solid:	0,25 - 0,75mm²
Degree of protection (IP):	IP20	Rated impulse voltage:	0.8 kV
Pollution degree:	2	Housing material:	Polyamide
Terminations per pole:	1		

female

male



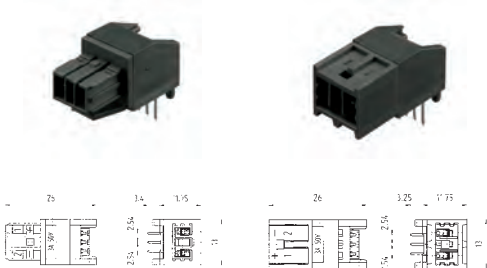
Housing material thickness 0.5-1.5 mm			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Extra-low voltage parallel	1+, 2-	93.431.2353.1	93.432.2353.1
□ white	Extra-low voltage parallel	1+, 2-	93.431.2353.0	93.432.2353.0

Solder connector, Soldering connection

Rated voltage:	50V	Terminations per pole:	1
Rated current:	3 A	Lockable:	Yes
Degree of protection (IP):	IP20	Rated impulse voltage:	0.8 kV
Pollution degree:	2	Housing material:	Polyamide


female

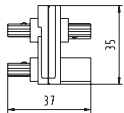
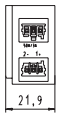
male



horizontal, without fastening flange			female	male
Color of coding	Application	Marking of poles	Part No.	Part No.
■ black	Extra-low voltage parallel	1+, 2-	93.431.2653.1	93.432.2653.1
□ white	Extra-low voltage parallel	1+, 2-	93.431.2653.0	93.432.2653.0

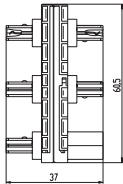
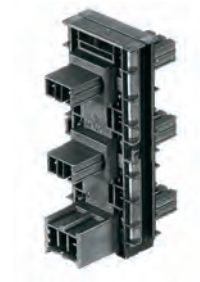
Distribution units

Rated voltage:	50 V	Degree of protection (IP):	IP20
Rated current:	3 A	Approvals:	
Rated impulse voltage:	0.8 kV	Lockable:	Yes



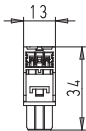
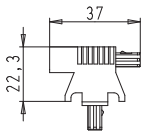
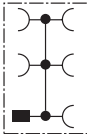
H distributor, 3-pole without mounting option

Color of coding	Application	Outputs	Part No.
<input type="checkbox"/> white	SELV/PELV	3	93.430.2453.0
<input checked="" type="checkbox"/> black	SELV/PELV	3	93.430.2453.1



HH distributor, 3-pole without mounting option

Color of coding	Application	Outputs	Part No.
<input type="checkbox"/> white	SELV/PELV	5	93.430.2053.0
<input checked="" type="checkbox"/> black	SELV/PELV	5	93.430.2053.1



T distributor, 3-pole with mounting option

Color of coding	Application	Outputs	Part No.
<input type="checkbox"/> white	SELV/PELV	2	93.430.2653.0
<input checked="" type="checkbox"/> black	SELV/PELV	2	93.430.2653.1



Cable assemblies, 3-pole

0.5 mm<sup>2</sup>, 3 A

Rated voltage:

Rated current:

Degree of protection (IP):

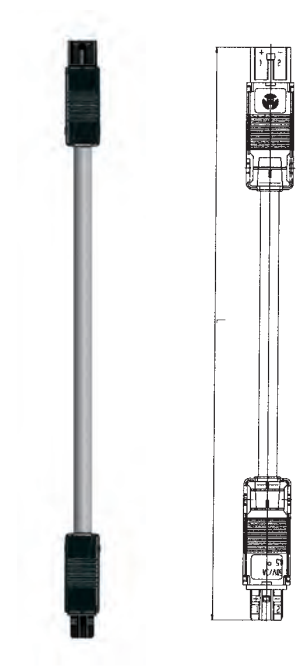
50V  
3 A  
IP20

Pollution degree:

Lockable:

Rated impulse voltage:

2  
Yes  
0.8 kV



Connecting cable, female - male

		FB-2Y(ST)Y 2x2x0,8 halogenated	FB-H(ST) 2x2x0,8 halogen free
		Part No.	Part No.
Length (m)			
Cable color: Color of coding: Marking of poles: Application:	1	gray 94.435.1000.1	green 94.435.1060.1
	2	94.435.2000.1	94.435.2060.1
	3	94.435.3000.1	94.435.3060.1
	4	94.435.4000.1	94.435.4060.1
	5	94.435.5000.1	94.435.5060.1
	6	94.435.6000.1	94.435.6060.1
	7	94.435.7000.1	94.435.7060.1
	8	94.435.8000.1	94.435.8060.1



## Cable assemblies, 3-pole

### 0.5 mm<sup>2</sup>, 3 A

Rated voltage:	50V	Pollution degree:	2
Rated current:	3 A	Lockable:	Yes
Degree of protection (IP):	IP20	Rated impulse voltage:	0.8 kV

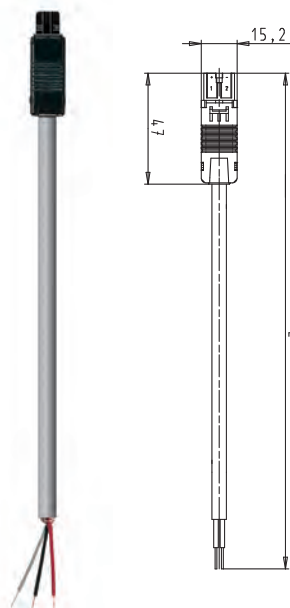
#### Connection cable, female - free end

#### FB-2Y(ST)Y 2x2x0,8

halogenated

Length (m) Part No.

Cable color:	■ black	1	94.435.1003.1
Color of coding:	■ black	2	94.435.2003.1
Marking of poles:	1+, 2-	3	94.435.3003.1
Application:	Extra-low voltage parallel	4	94.435.4003.1
		5	94.435.5003.1
		6	94.435.6003.1



#### Connection cable, male - free end

#### FB-2Y(ST)Y 2x2x0,8

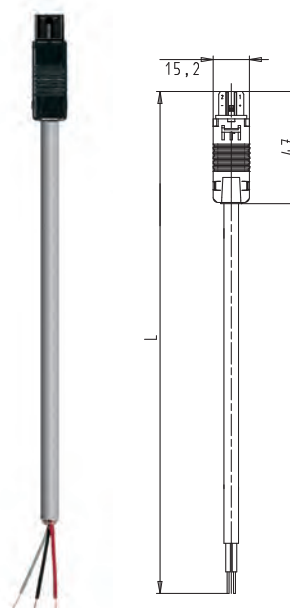
halogenated

#### FB-H(ST) 2x2x0,8

halogen free

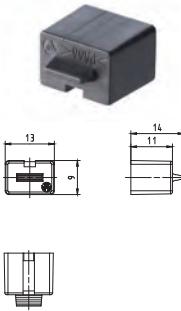
Length (m) Part No.

Cable color:	■ black	1	94.435.1004.1	■ green	94.435.1064.1
Color of coding:	■ black	2	94.435.2004.1	■ green	94.435.2064.1
Marking of poles:	1+, 2-	3	94.435.3004.1	■ green	94.435.3064.1
Application:	Extra-low voltage parallel	4	94.435.4004.1	■ green	94.435.4064.1
		5	94.435.5004.1		
		6	94.435.6004.1	■ green	94.435.6064.1
		7	94.435.7004.1		
		8	94.435.8004.1	■ green	94.435.8064.1

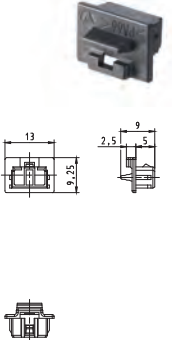


BST covers

for female connectors  
BST



for male connectors  
BST




2/3-pole for covering open contacts

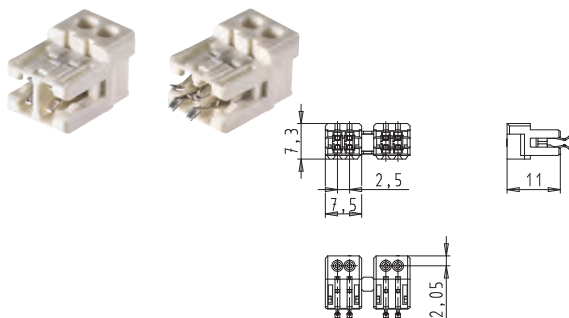
Color  
■ black

for female connectors	for male connectors
Part No.	Part No.
05.563.7753.0	05.563.7853.0

## PC board connectors

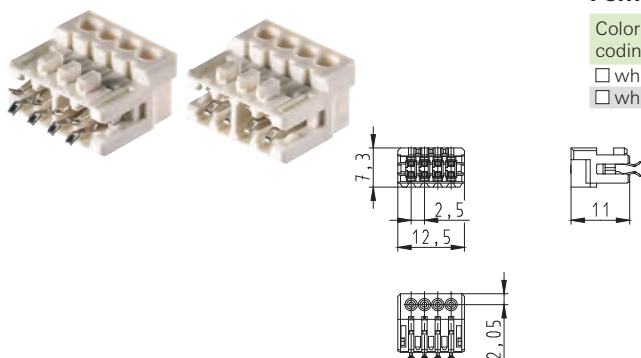
Fine-stranded wire cross-section: 0.22 – 0.35 mm<sup>2</sup>  
 Rated voltage: 32 V  
 Rated current: 3.0 A

Dielectric strength: 1.4 kV  
 Approvals:   
 Distribution unit, configuration: on PC board



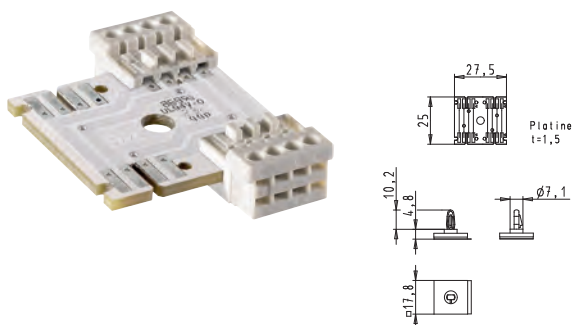
### Female connector, 2-pole

Color of coding	Coding bridge	Part No.
<input type="checkbox"/> white	without	93.572.0053.0
<input type="checkbox"/> white	with	93.572.0153.0



### Female connector, 4-pole

Color of coding	Coding bridge	Part No.
<input type="checkbox"/> white	without	93.574.0053.0
<input type="checkbox"/> white	with	93.574.0153.0



### 4-pole PCB distributor

Color of coding	Part No.
<input type="checkbox"/> white	Z6.560.5353.0



### Assembly tool, 2/4-pole

Color	Part No.
Assembly tool	95.101.2400.0

Cable assemblies

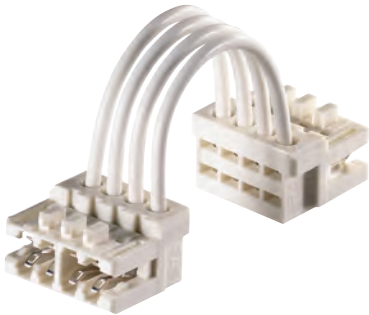
Fine-stranded wire cross-section:	0.22 – 0.35 mm <sup>2</sup> acc. to customer requirements	Rated impulse voltage:	1.4 kV
Rated voltage:	32 V	Approvals:	 
Rated current:	3.0 A	Delivery:	cable sets



Extension cables, plug connectors  
2-pole

Length (m)	Part No.
------------	----------

Cable color:	<input type="checkbox"/> white	<input type="checkbox"/> white
Color of coding:		on request



Extension cables, plug connectors  
4-pole

Length (m)	Part No.
------------	----------

Cable color:	<input type="checkbox"/> white	<input type="checkbox"/> white
Color of coding:		on request

# The flexible busbar

## Space-saving and safe

### Feed-in 6 mm<sup>2</sup>

The feed module is suitable for supply with NYM cables with a cross-section of up to 5x6 mm<sup>2</sup>. The robust strain relief is directly integrated.

### Feed-in 2-pole bus

SELV (eg. KNX) or SIGNAL (not SELV) can be applied via a separate supply.

### Flat cable, 5-pole, 2.5 and 4 mm<sup>2</sup>

2 cable cross sections, 3 colors, 2 applications combined in one cable geometry.

### Flat cable 5+2-pole, 2.5 and 4 mm<sup>2</sup>

2 cable cross sections, 2 colors, 3 applications combined in one cable geometry.

### Variable phase pre-selection for GST18i3

Before contacting, the phase for the supply of the 3-pole GST18i3 output can be selected with a phase selector.

And it is still possible to change the phase subsequently: Just loosen the contact screw, push the slider to the new position and make a new contact. The adapter does not need to be moved – a significant advantage of the system.

### Parallel tapping

The cables to the supply and to all tapping points are routed in parallel to the flat cable. With this, the new **gesis®**NRG generation saves considerable installation space.



More information

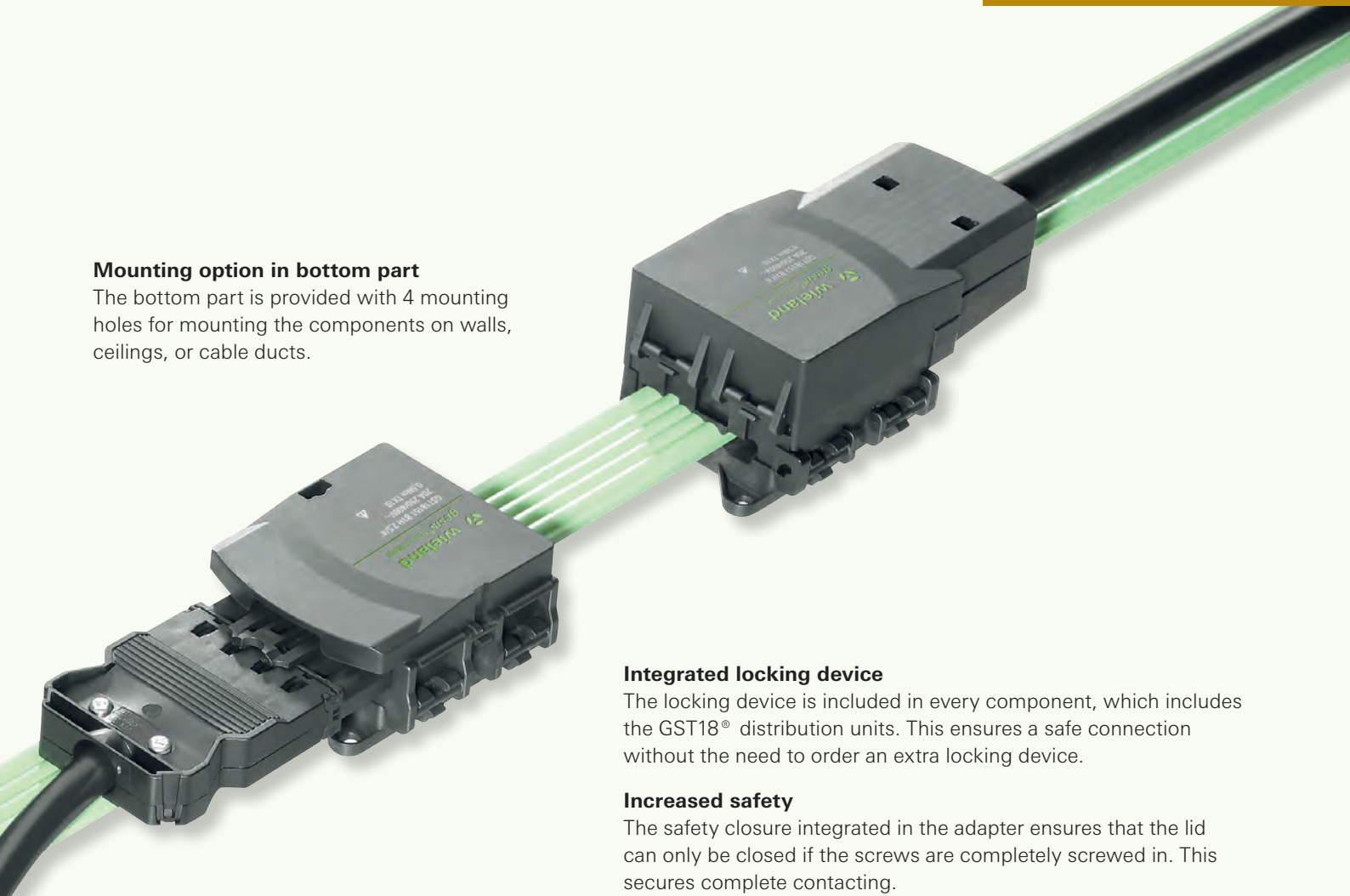
<http://eshop.wieland-electric.com>





### Mounting option in bottom part

The bottom part is provided with 4 mounting holes for mounting the components on walls, ceilings, or cable ducts.



### Integrated locking device

The locking device is included in every component, which includes the GST18® distribution units. This ensures a safe connection without the need to order an extra locking device.

### Increased safety

The safety closure integrated in the adapter ensures that the lid can only be closed if the screws are completely screwed in. This secures complete contacting.

### Inspection window for phase selection

The transparent inspection window lets you check which one of the 3 phases is connected to the GST18i3 line even when the lid is closed.



**DESIGN PLUS**


powered by: **light+building**



## Flat cable, 5-pole

### 2.5 mm<sup>2</sup> and 4 mm<sup>2</sup>, 20 A

Rated voltage:	250 V/400 V
Rated current:	20 A
Degree of protection (IP):	IP20
Connection technique:	insulation piercing
Lockable:	yes

Mechanically coded:	yes
Output:	pluggable, parallel to line direction
Approval:	
Bending radius:	static, approx. 60 mm
Observe the installation instructions in the technical data.	

#### Flat cable 2.5 mm<sup>2</sup> 5G2.5

##### PVC

halogenated	halogen free
Part No.	Part No.

Cable color:	■ green	00.712.0303.7	00.710.0303.7
Application:	Mains		
Cable color:	■ black	00.712.0303.1	00.710.0303.1
Application:	Mains		
Cable color:	■ pastel blue	00.712.0303.6	00.710.0303.6
Application:	Mains + AC 250 V signal		

#### Flat cable 4 mm<sup>2</sup> 5G4

##### PVC

halogenated	halogen-free
Part No.	Part No.

Cable color:	■ green	00.710.0304.7
Application:	Mains	
Cable color:	■ black	00.710.0304.1
Application:	Mains	
Cable color:	■ pastel blue	00.710.0304.6
Application:	Mains + AC 250 V signal	

#### Indicate cutting length (max. 350 m)

Other cable colors on request

Functional safety can only be guaranteed, if the original cable is used. For more information see Technical Data.

#### Tapping flat cable adapter, 3-pole with phase pre-selection, direct routing to GST18i3

##### Female conn. GST18i3

Color of coding:	■ black	92.031.5453.1
Pole marking:	L, PE, N	
Application:	Mains	

#### Tapping flat cable adapter, 5-pole direct routing to GST18i5

##### Female conn. GST18i5

Color of coding:	■ black	92.051.5453.1
Pole marking:	3, N, PE, 2, 1	
Application:	Mains	
Color of coding:	■ pastel blue	92.051.5553.0
Pole marking:	D2, D1, PE, N, L	
Application:	Mains + AC 250 V signal	

#### Feed-in mains

for round cables 12-16 mm, screw connection

##### Feed-in mains

Part No.

Conn. cross section:	6 mm <sup>2</sup> (r), 4 mm <sup>2</sup> (f)	92.050.1553.1
Application:	Mains	

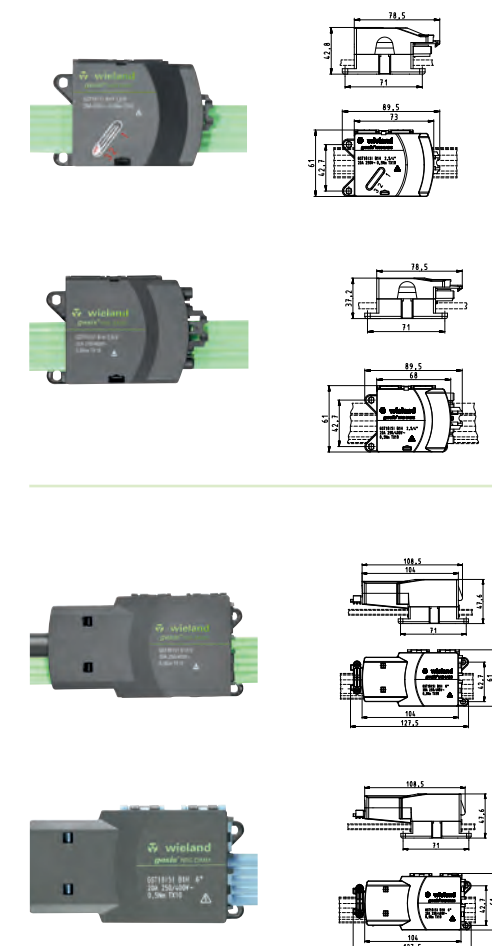
#### Feed-in mains + dimming

for round cables 12-16 mm, screw connection

##### Feed-in

Part No.

Conn. cross section:	6 mm <sup>2</sup> (r), 4 mm <sup>2</sup> (f)	92.050.1653.0
Application:	Mains + AC 250 V signal	



# Flat cable, 5+2-pole

## 5x2.5/4 mm<sup>2</sup>, 2x1.5 mm<sup>2</sup>

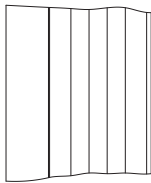
Voltage category:	5x 2.5/4 mm <sup>2</sup> mains: 250/400V; 2x1.5 mm <sup>2</sup> black: not SELV; 2x1.5 mm <sup>2</sup> green: SELV	Connection technique:	insulation piercing
Rated current:	Mains 2.5/4 mm <sup>2</sup> : 20 A; SIGNAL 1.5 mm <sup>2</sup> : 6 A; SELV 1.5 mm <sup>2</sup> : 3 A	Lockable:	yes
Degree of protection (IP):	IP20	Output:	pluggable, parallel to line direction
		BASIC+SIGNAL:	VDE requested
		BASIC+KNX:	VDE- and KNX requested
		Bending radius:	static, approx. 60 mm
Observe the installation instructions in the technical data.			



### Flat cable 5x2.5 mm<sup>2</sup> + 2x1.5 mm<sup>2</sup>

<b>PVC</b>	
halogenated	halogen free
Part No.	Part No.

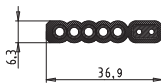
Cable color:	■ black	00.712.1323.1	00.710.1323.1
Application:	Mains + SIGNAL (not SELV)		
Cable color:	■ green	00.712.0323.7	00.710.0323.7
Application:	Mains + SELV		



### Flat cable 5x4 mm<sup>2</sup> + 2x1.5 mm<sup>2</sup>

<b>PVC</b>	
halogenated	halogen-free
Part No.	Part No.

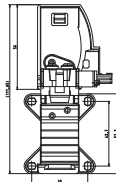
Cable color:	■ black	00.710.1324.1
Application:	Mains + SIGNAL (not SELV)	
Cable color:	■ green	00.710.0324.7
Application:	Mains + SELV	



#### Indicate cutting length (max. 350 m)

Cable width approx. 36.9 mm, cable height approx. 6.3 mm.

Functional safety can only be guaranteed, if the original cable is used. For more information see Technical Data.



### Tapping SELV, 2-pole Flat cable adapter direct routing to BST14i2

**Female conn.  
BST14i2**  
Part No.

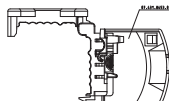
Color of coding:	■ black/green	93.421.5453.0
Pole marking:	1+, 2-	
Application:	SELV (e.g. KNX)	



### Tapping SIGNAL, 2-pole Flat cable adapter direct routing to GST15i2

**Female conn.  
GST15i2**  
Part No.

Color of coding:	■ pastel blue	91.021.5453.0
Pole marking:	D1, D2	
Application:	not SELV (e.g. DALI)	



### Feed-in SELV for round cables, 5.9 – 7.5 mm, screw connection

**Feed-in**  
Part No.

Conn. cross section:	0.5 up to 1.5 mm <sup>2</sup>	93.420.5453.0
Application:	SELV (e.g. KNX)	



### Feed-in SIGNAL for round cables, 5.9 – 7.5 mm, screw connection

**Feed-in**  
Part No.

Conn. cross section:	0.5 up to 1.5 mm <sup>2</sup>	91.020.5453.0
Application:	not SELV (e.g. DALI)	

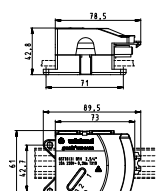


## Adapter mains, 5+2-pole

Rated voltage 2.5/4 mm <sup>2</sup> :	250/400V
Rated current:	20 A
Degree of protection (IP):	IP20
Connection technique:	insulation piercing
Lockable:	yes

Outputs: pluggable, parallel to line direction

Adapters are supplied without cable.  
Observe the installation instructions in the technical data.

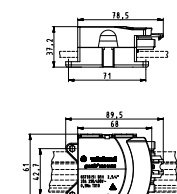


### Tapping flat cable adapter, 3-pole with phase pre-selection, direct routing to GST18i3

**Female conn.  
GST18i3**  
Part No.

Color of coding: ■ black  
Pole marking: L, PE, N  
Application: Mains

92.031.5453.1

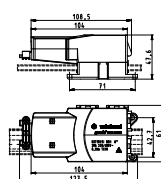


### Tapping flat cable adapter, 5-pole direct routing to GST18i5

**Female conn.  
GST18i5**  
Part No.

Color of coding: ■ black  
Pole marking: 3, N, PE, 2, 1  
Application: Mains

92.051.5453.1



### Feed-in mains

for round cables 12-16 mm,  
screw connection

**Feed-in**

Part No.

Conn. cross section: 6 mm<sup>2</sup> (r), 4 mm<sup>2</sup> (f)  
Application: Mains

92.050.1553.1

## Combi adapter

### 3-pole mains+2-pole signal, 5+2-pole BASIC+SIGNAL

Protection rating (IP):	IP20
Connection technique:	insulation piercing
Locking device:	integrated
Outputs:	pluggable, parallel to line direction

### Tapping flat cable mains+signal, 5-pole

Combi flat cable adapter

Part No.

Application: Mains + not SELV

99.418.9999.8

## Accessories for flat cables, 5- and 5+2-pole, 2.5/4 mm<sup>2</sup>, 2x1.5 mm<sup>2</sup>

Degree of protection (IP):

IP20

Functional safety can only be guaranteed, if the original cable is used.  
For more information see Technical Data.



### Cable cutter for flat cables

#### Cable cutter

Part No.

95.300.0600.0

This tool must be used for correct placement of the cable end cap.

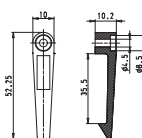


### Cable end cap

Part No.

Color: transparent  
Number of-poles: 5-pole  
5+2-pole

06.562.0653.0  
06.562.4353.0



### Cable clip

Part No.

Color: gray

05.562.3000.0

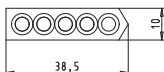
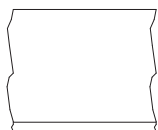
## Flat cable, 5-pole

### 10 mm<sup>2</sup>, 50 A

Rated voltage:	250 V/400 V
Rated current:	50 A
Degree of protection (IP):	IP20
Connection technique:	insulation piercing
Mechanically coded:	yes

Output: parallel

Observe the installation instructions in the technical data.



#### Flat cable 5-pole, 10 mm<sup>2</sup>

##### PVC

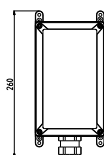
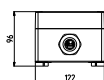
contains halogen	halogen free
Part No.	Part No.

Cable color: ■ Light green

00.702.0306.7 00.709.0306.7

#### Indicate cutting length (max. 500 m)

Cable width approx. 38.5 mm, cable height approx. 10 mm.  
Functional safety can only be guaranteed, if the original cable is used.  
For more information see Technical Data.



#### 5-pole, feed-in

5G16 mm<sup>2</sup>, screw connection with strain relief

##### Feed-in

Part No.

Color: ■ black

92.050.9053.0

#### 5-pole, feed-in central

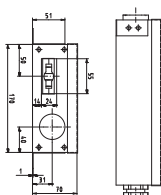
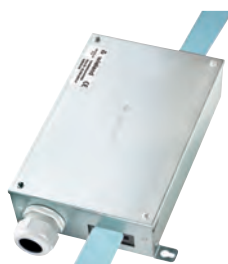
5G10 mm<sup>2</sup>, screw connection with strain relief

##### Feed-in central

Part No.

Color: zinc-plated

92.050.8853.0



#### Adapter

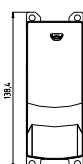
5G6 mm<sup>2</sup> solid and fine-stranded, screw connection with strain relief

##### Adapter

Part No.

Color: ■ black

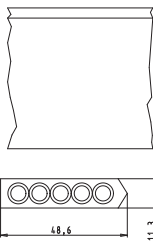
92.050.9153.0



# Flat cable, 5-pole

## 16 mm², 63 A

Rated voltage:	250 V/400 V	Output:	parallel
Rated current:	63 A		
Degree of protection (IP):	IP65		
Connection technique:	insulation piercing		
Mechanically coded:	yes	Observe the installation instructions in the technical data.	



### Flat cable 5-pole, 16 mm²

#### PVC

Length (m)	contains halogen	halogen free
Part No.	Part No.	Part No.

Cable color:	Light gray	00.702.0307.3	00.709.0307.3
--------------	------------	---------------	---------------

#### Indicate cutting length (max. 500 m)

Cable width approx. 48,5 mm, cable height approx. 11,3 mm.  
Functional safety can only be guaranteed, if the original cable is used.  
For more information see Technical Data.



#### Feed-in

for round cables, 5 x 16 mm²,  
screw connection

#### Feed-in

Part No.

Color:	black	92.050.8453.0
--------	-------	---------------



#### Adapter mains (output)

Tapping for round cables 5x6 mm²  
screw connection

#### Adapter

mains (output)  
Part No.

Color:	black	92.050.8553.0
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#### Flat cable adapter

incl. circuit breaker and  
GST18 outputs

#### Adapter

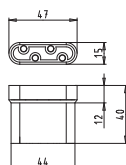
GST18  
Part No.

Color:	zinc-plated	G0.000.0044.7
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## Accessories for flat cables, 5-pole, 10/16 mm<sup>2</sup>

Observe the installation instructions in the technical data.

Functional safety can only be guaranteed, if the original cable is used.  
For more information see Technical Data.



### Cable end cap 10 mm<sup>2</sup>

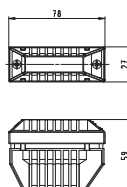
Sheath strip length approx. 20 mm

**cable end cap**

Part No.

Color: transparent

05.563.9553.0



### Cable end cap 16 mm<sup>2</sup>

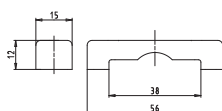
Sheath strip length approx. 20 mm

**cable end cap**

Part No.

Color: transparent

05.563.9453.0



### Cable clip

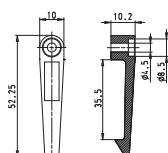
for flat cables 10/16 mm<sup>2</sup>

**cable clip**

Part No.

Color: ■ black

05.563.9753.0



### Cable clip

**cable clip**

Part No.

Color: ■ gray

05.562.3000.0



M40 x 1.5



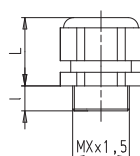
M25 x 1.5



M25 x 1.5



M25 x 1.5



### Cable gland for connection boxes

Color	Connec. range mm	Cable gland	Part No.
■ gray	16 – 28 mm	M40 x 1.5	91.951.9053.1
■ gray	7 – 16 mm	M25 x 1.5	91.951.9053.0
Metal	11 – 18 mm	M25 x 1.5	91.951.9453.0

### Filler plug

for connection box cable gland

Color	Cable gland	Part No.
■ gray	M25 x 1.5	05.507.4153.0









## Country-specific products



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More information  
<http://eshop.wieland-electric.com>









## Great Britain



from page

<b>GST18i3</b>	Connector, distributor, cable assemblies	<b>152</b>
<b>GST18i4</b>	Connector, distributor, cable assemblies	<b>158</b>
<b>GST18i5</b>	Connector, distributor, cable assemblies	<b>167</b>
<b>GST18i6</b>	Connector, distributor, cable assemblies	<b>171</b>
<b>MST</b>	Cable assemblies, distributor and accessories	<b>176</b>

e-  
Shop

More information  
<http://eshop.wieland-electric.com>

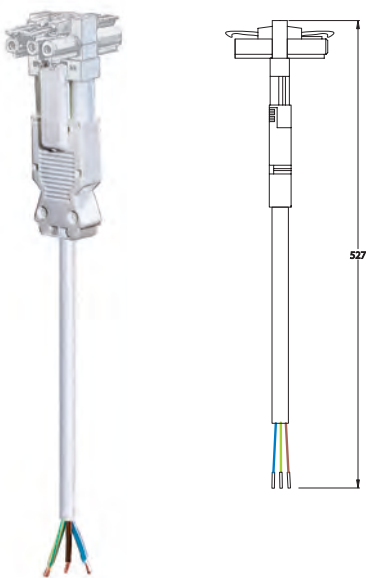




Connector assemblies for luminaire connection, 3-pole

1.5 mm<sup>2</sup>

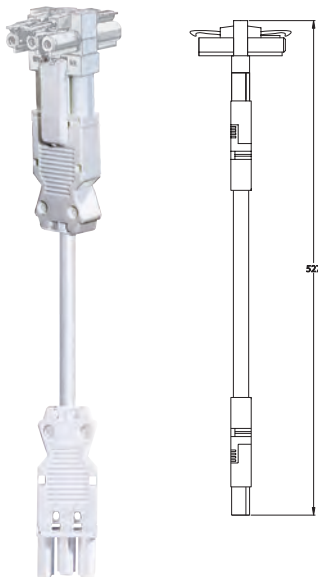
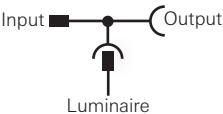
Rated voltage:	250 V/400 V	Cable material:	LSOH to EN 50363-0 70° halogen free
Rated current:	6 A	Lockable:	Yes
Rated impulse voltage:	4 kV	Sheath strip length:	35 mm
Degree of protection (IP):	IP20, IP40 when plugged	Wire stripping length:	9 mm



T-piece with connection cable 3G

Sheath **LSOH 3G1.5**

Color of the coding	Cable / T-piece	Length m	Part No.
<input type="checkbox"/> white	white	0.5	99.424.9910.0
Luminaire connection: Free end			



T-piece with connecting cable 3G

Sheath **LSOH 3G1.5**

Color of the coding	Cable / T-piece	Length m	Part No.
<input type="checkbox"/> white	white	0.5	G1.933.0502.2
Luminaire connection: GST18i3 female			

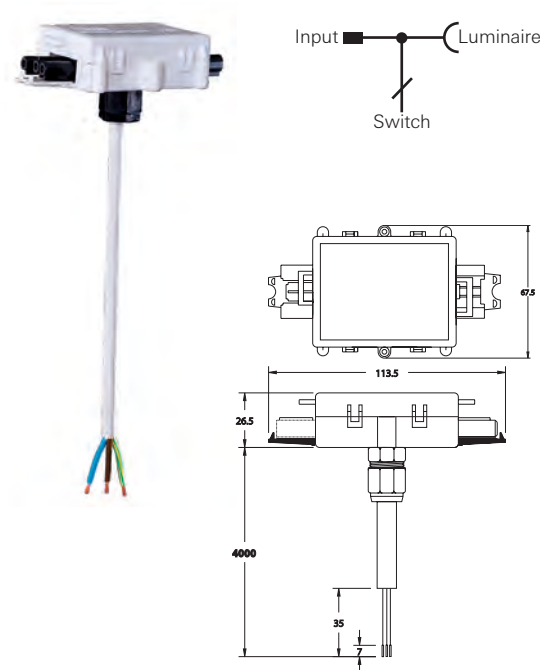
**Note:**  
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV.  
Reference to BS7671 559 should be considered.



Switch module with connection cable, 3-pole

1.5 mm<sup>2</sup>

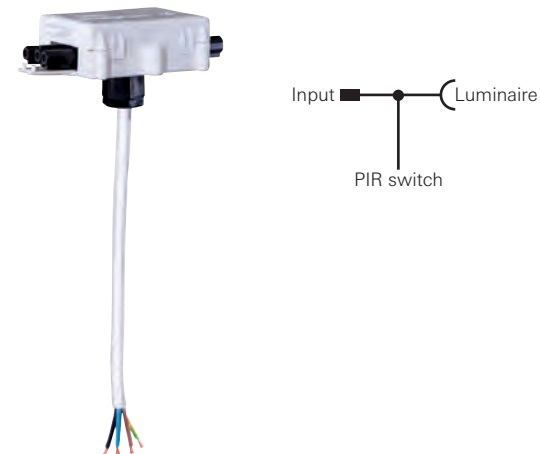
Rated voltage:	250 V/400 V	Cable material:	LSOH to EN 50363-0 70° halogen free
Rated current:	16 A	Lockable:	Yes
Rated impulse voltage:	4 kV	Sheath strip length:	35 mm
Degree of protection (IP):	IP20, IP40 when plugged	Wire stripping length:	9 mm



On/off switch 1-pole (L1)

Sheath **LSOH 3G1.5**

Color of the coding	Cable / housing	Length m	Part No.
■ black	white	4.0 / 3 wires	G1.833.0412.1
On/off switch – connection cable, free end			



Infrared motion detector (L1)

Sheath **LSOH 3G1.5**

Color of the coding	Cable / housing	Length m	Part No.
■ black	white	4.0 / 4 wires	G1.834.0442.1
Passive infrared switch – connection cable, free end			



**Note:**  
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV. Reference to BS7671 559 should be considered.

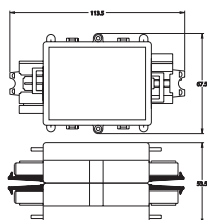
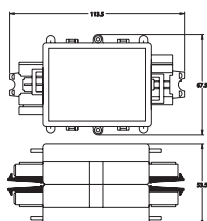
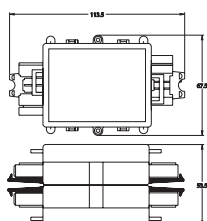




## Switch modules, 3-pole

Rated voltage:	250 V
Rated current:	16 A
Rated impulse voltage:	4 kV

### Distribution block



### On/off switch

Color of the coding	Color	Part No.
<input type="checkbox"/> white	white	G1.830.0012.1
with through-wiring		



### Infrared motion detector, passive

Color of the coding	Color	Part No.
<input type="checkbox"/> white	white	G1.830.0042.1
with through-wiring		



### 2-way switch

Color of the coding	Color	Part No.
<input type="checkbox"/> white	white	G1.830.0062.1

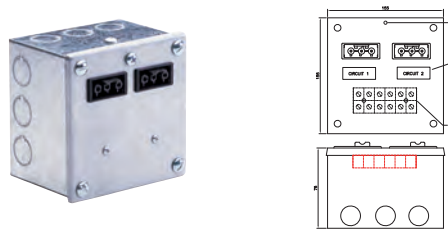




Distribution boxes with 2.5 mm<sup>2</sup> wiring, metal housing, 3-pole

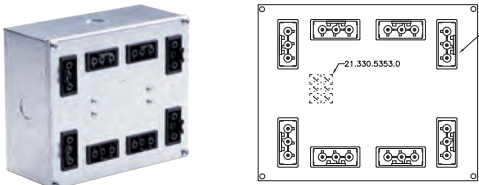
Rated voltage:	250 V
Rated current:	20 A
Rated impulse voltage:	4 kV
Housing:	Metal

Distribution box



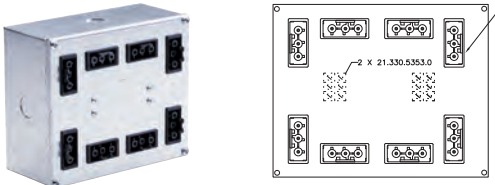
Two circuits

Color of the coding	Color	Part No.
■ black	metal	G1.132.4403.1
each circuit with 1 female connector, 3-pole		



One circuit

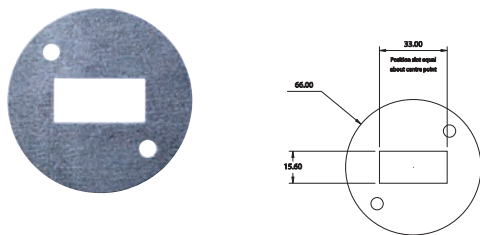
Color of the coding	Color	Part No.
■ black	metal	G1.130.3813.1
one circuit, 8 female connectors, 3-pole		



Two circuits

Color of the coding	Color	Part No.
■ black	metal	G1.130.3823.1
each circuit with 4 female connectors, 3-pole		

Besa plate, 3-pole



Besa plate, metal plate for Besa distribution box

Color of the coding	Color	Part No.
	metal	G1.131.1370.1
for 3 pole snap-in connectors (such as Part No. 92.031.9658.1)		
A Besa extension ring is additionally required (from third-party supplier)		

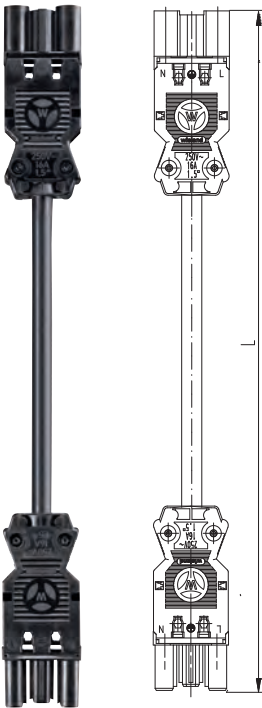




Cable assemblies, 3-pole

1.5 mm<sup>2</sup>

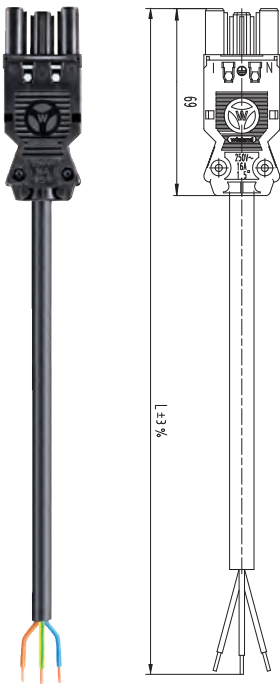
Rated voltage:	250 V	Cable material:	H05Z1Z1-F, halogen free
Rated current:	16 A	Sheath strip length:	37 mm
Rated impulse voltage:	4 kV	Wire stripping length:	9 mm
Degree of protection (IP):	IP20, IP40 when plugged	The use of a locking device is mandatory.	
Cable diameter:	8.0 mm	Locking device for flying leads: see Accessories	



⊕ = GN/YE  
N = BU  
L = BN

Connecting cables female – male

		H05Z1Z1-F halogen free
		Part No.
Length m		
Cable color:	■ black	■ black
Color of coding:	■ black	1 92.232.0160.1
Pole marking:	N, PE, L / L, PE, N	2 92.232.0260.1
Application:		3 92.232.0360.1
		4 92.232.0460.1
		5 92.232.0560.1
		6 92.232.0660.1
		7 92.232.0760.1
		8 92.232.0860.1



⊕ = GN/YE  
N = BU  
L = BN

Connection cables female – free end  
Wire ends ultrasonically welded

		H05Z1Z1-F halogen free
		Part No.
Length m		
Cable color:	■ black	■ black
Color of coding:	■ black	1 92.232.0163.1
Pole marking:	N, PE, L	2 92.232.0263.1
Application:		3 92.232.0363.1
		4 92.232.0463.1
		5 92.232.0563.1
		6 92.232.0663.1
		7 92.232.0763.1
		8 92.232.0863.1

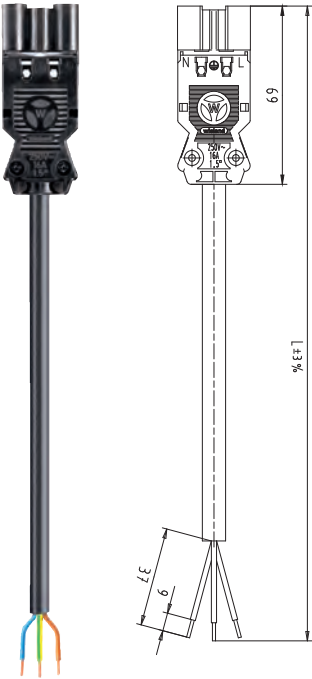
Other cables, other lengths, other codings on request  
Note:  
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV.  
Reference to BS7671 559 should be considered.



Cable assemblies, 3-pole

1.5 mm<sup>2</sup>

Rated voltage:	250 V	Cable material:	H05Z1Z1-F, halogen free
Rated current:	16 A	Sheath strip length:	37 mm
Rated impulse voltage:	4 kV	Wire stripping length:	9 mm
Degree of protection (IP):	IP20, IP40 when plugged	The use of a locking device is mandatory.	
Cable diameter:	8.0 mm	Locking device for flying leads: see Accessories	



Connection cable male – free end  
Wire ends ultrasonically welded

H05Z1Z1-F  
halogen free  
Part No.

Length m		Part No.
Cable color:	■ black	
Color of coding:	■ black	1 92.232.0164.1
Pole marking:	L, PE, N	2 92.232.0264.1
Application:		3 92.232.0364.1
		4 92.232.0464.1
		5 92.232.0564.1
		6 92.232.0664.1
		7 92.232.0764.1
		8 92.232.0864.1



⊕ = GN/YE  
N = BU  
L = BN



Other cables, other lengths, other codings on request  
Note:  
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV.  
Reference to BS7671 559 should be considered.

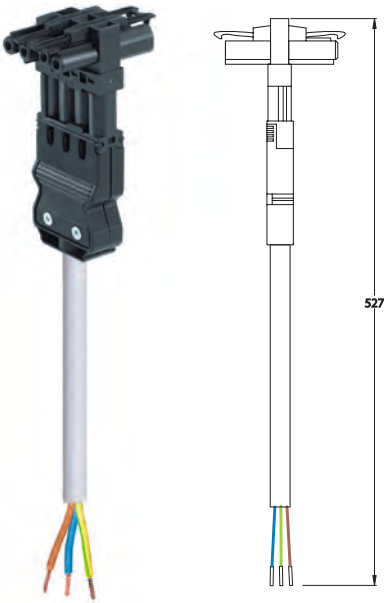




Connector assemblies for luminaire connection, 4-pole

1.5 mm<sup>2</sup>

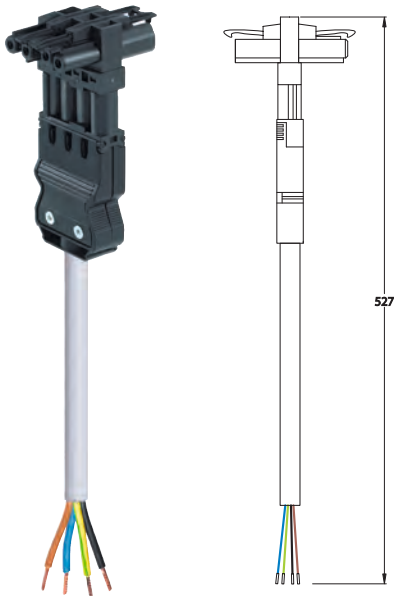
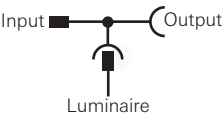
Rated voltage:	250 V/400 V	Cable material:	LSOH to EN 50363-0 70° halogen free
Rated current:	6 A	Lockable:	Yes
Rated impulse voltage:	4 kV	Sheath strip length:	35 mm
Degree of protection (IP):	IP20, IP40 when plugged	Wire stripping length:	9 mm



T-piece with connecting cable 3G

Sheath **LSOH 3G1.5**

Color of the coding	Cable / T-piece / Connector	Length m	Part No.
■ black	white / black / black	0.5 / 3 wires	G1.943.0542.1
Luminaire connection: Free end			



T-piece with connecting cable 4G

Sheath **LSOH 4G1.5**

Color of the coding	Cable / T-piece / Connector	Length m	Part No.
■ black	white / black / black	0.5 / 4 wires	G1.944.0542.1
Luminaire connection: Free end			

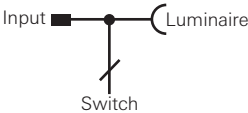
**Note:**  
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV.  
Reference to BS7671 559 should be considered.



Switch module with connection cable, 4-pole

1.5 mm<sup>2</sup>

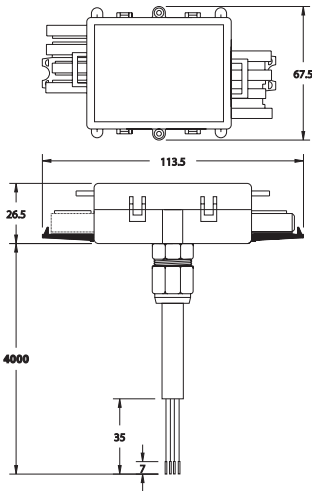
Rated voltage:	250 V/400 V	Cable material:	LSOH to EN 50363-0 70° halogen free
Rated current:	16 A	Lockable:	Yes
Rated impulse voltage:	4 kV	Sheath strip length:	35 mm
Degree of protection (IP):	IP20, IP40 when plugged	Wire stripping length:	9 mm



On/off switch 1-pole (L1)

Sheath **LSOH 3G1.5**

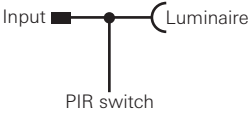
Color of the coding	Cable / housing	Length m	Part No.
■ black	white	4.0 / 3 wires	G1.843.0412.1
On/off switch – connection cable, free end			



On/off switch 1-pole (L2, emergency lighting)

Sheath **LSOH 3G1.5**

Color of the coding	Cable / housing	Length m	Part No.
■ black	white	4.0 / 3 wires	G1.843.0422.1
On/off switch – connection cable, free end			



Infrared motion detector

Sheath **LSOH 4G1.5**

Color of the coding	Cable / housing	Length m	Part No.
■ black	white	4.0 / 4 wires	G1.844.0442.1
Passive infrared switch – connection cable, free end			



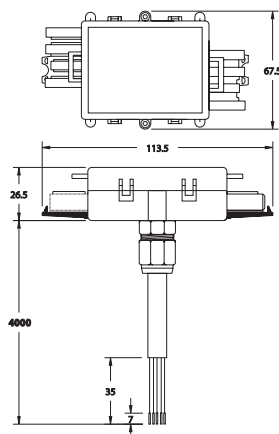
**Note:**  
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV. Reference to BS7671 559 should be considered.



Switch module with connection cable, 4-pole

1.5 mm<sup>2</sup>

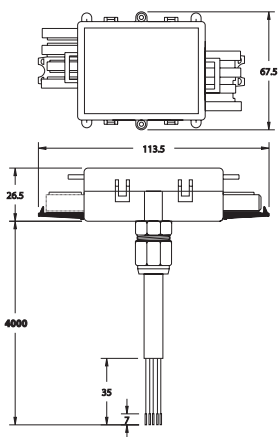
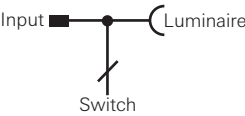
Rated voltage:	250 V/400 V	Cable material:	LSOH to EN 50363-0 70° halogen free
Rated current:	16 A	Lockable:	Yes
Rated impulse voltage:	4 kV	Sheath strip length:	35 mm
Degree of protection (IP):	IP20, IP40 when plugged	Wire stripping length:	9 mm



On/off switch 2-pole (L1 + L2)

Sheath **LSOH 5G1.5**

Color of the coding	Cable / housing	Length m	Part No.
<input type="checkbox"/> white	white	4.0 / 5 wires	G1.845.0432.2
On/off switch – connection cable, free end			



Adapter for 2-way intermediate switches

Sheath **LSOH 5G1.5**

Color of the coding	Cable / housing	Length m	Part No.
<input type="checkbox"/> white	white	4.0 / 5 wires	G1.845.0472.2
2-way switch – connection cable, free end			

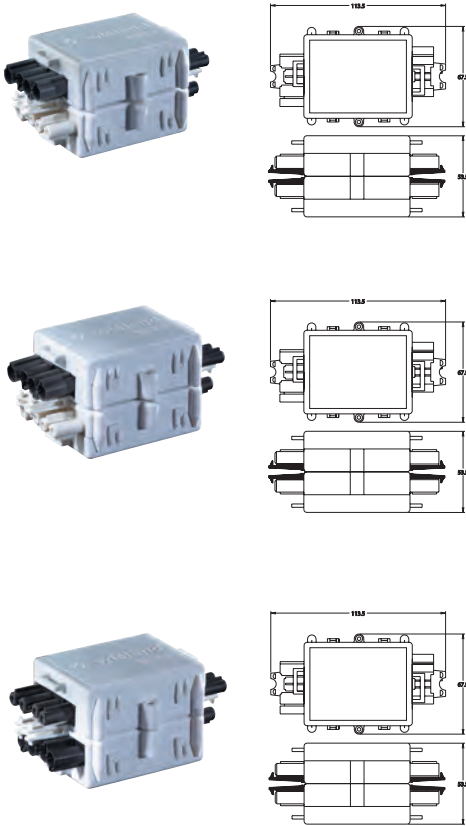
Note:  
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV.  
Reference to BS7671 559 should be considered.



Switch modules, 4-pole

Rated voltage:	250 V
Rated current:	16 A
Rated impulse voltage:	4 kV

Distribution block



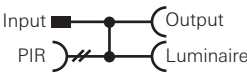
On/off switch (L1)

Color of the coding	Color	Part No.
□ white	white	G1.840.0012.1
with through-wiring		



Infrared motion detector, passive (L1)

Color of the coding	Color	Part No.
□ white	white	G1.840.0042.1
with through-wiring		



2-way (L1)

Color of the coding	Color	Part No.
□ white	white	G1.840.0062.1

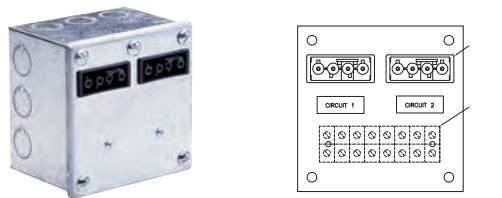




Distribution boxes with 2.5 mm<sup>2</sup> wiring, metal housing, 4-pole

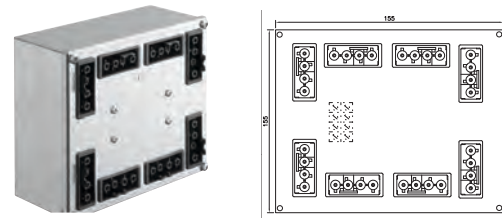
Rated voltage:	250 V
Rated current:	20 A
Rated impulse voltage:	4 kV
Housing:	Metal

Distribution box



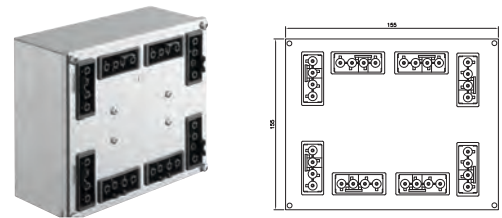
Two circuits

Color of the coding	Color	Part No.
■ black	metal	G1.142.4403.1
each circuit with 2 female connectors, 4-pole		



One circuit

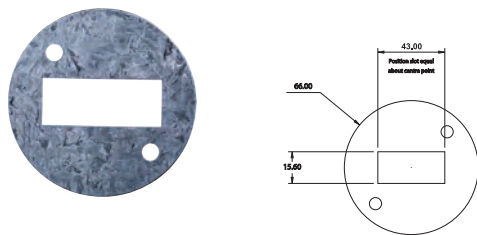
Color of the coding	Color	Part No.
■ black	metal	G1.140.4813.1
one circuit, 8 female connectors, 4-pole		



Two circuits

Color of the coding	Color	Part No.
■ black	metal	G1.140.4813.1
each circuit with 4 female connectors, 4-pole		

Besa plate, 4-pole



Besa plate, metal plate for Besa distribution box

Color of the coding	Color	Part No.
	metal	G1.141.1300.1
for 4-pole snap-in connectors (such as Part No. 92.041.9658.1)		
A Besa extension ring is additionally required (from third-party supplier)		

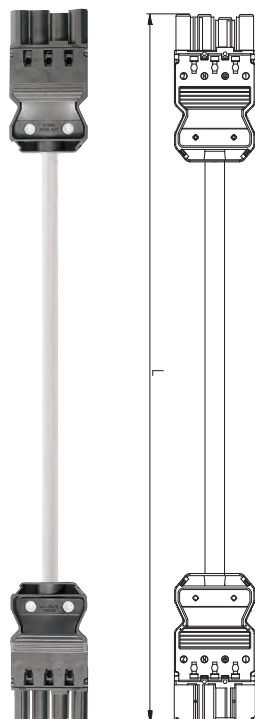


## Cable assemblies, 4-pole

### 1.5 mm<sup>2</sup>

Rated voltage:	250 V
Rated current:	16 A
Rated impulse voltage:	4 kV
Degree of protection (IP):	IP20, IP40 when plugged
Cable diameter:	8.1 mm

Cable material:	LSOH to EN 50363-0 70° halogen free
Sheath strip length:	35 mm
Wire stripping length:	9 mm
The use of a locking device is mandatory.	
Locking device for flying leads: see Accessories	



⊕ = GN/YE  
N = BU  
1 = BN  
2 = BK

### Connecting cables female – male

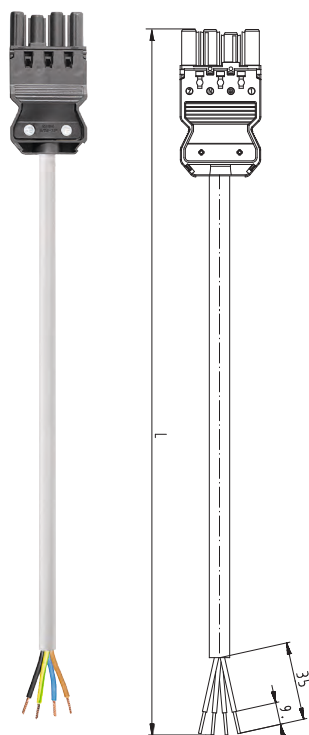
#### LSOH 4G1.5

halogen free

Length m Part No.

Cable color:	■ black	□ white
Color of coding:	1	G1.044.0102.1
Pole marking:	2	G1.044.0202.1
Application:	3	G1.044.0302.1
	4	G1.044.0402.1
	5	G1.044.0502.1
	6	G1.044.0602.1
	7	G1.044.0702.1
	8	G1.044.0802.1

Colour cable:	□ white	□ white
Colour coding:	1	G1.044.0102.2
Pole marking:	2	G1.044.0202.2
Application:	3	G1.044.0302.2
	4	G1.044.0402.2
	5	G1.044.0502.2
	6	G1.044.0602.2
	7	G1.044.0702.2
	8	G1.044.0802.2



⊕ = GN/YE  
N = BU  
1 = BN  
2 = BK

### Connection cables female – free end Wire ends ultrasonically welded

#### LSOH 4G1.5

halogen free

Length m Part No.

Cable color:	■ black	□ white
Color of coding:	1	G1.344.0102.1
Pole marking:	2	G1.344.0202.1
Application:	3	G1.344.0302.1
	4	G1.344.0402.1
	5	G1.344.0502.1
	6	G1.344.0602.1
	7	G1.344.0702.1
	8	G1.344.0802.1

Cable color:	□ white	□ white
Colour coding:	1	G1.344.0102.2
Pole marking:	2	G1.344.0202.2
Application:	3	G1.344.0302.2
	4	G1.344.0402.2
	5	G1.344.0502.2
	6	G1.344.0602.2
	7	G1.344.0702.2
	8	G1.344.0802.2

Other cables, other lengths, other codings on request

Note:

Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV. Reference to BS7671 559 should be considered.

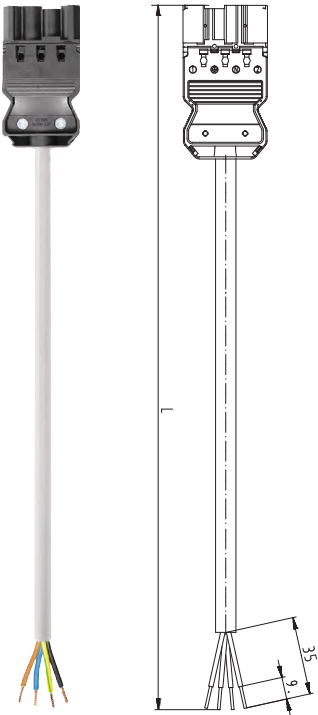




Cable assemblies, 4-pole

1.5 mm<sup>2</sup>

Rated voltage:	250 V	Cable material:	LSOH to EN 50363-0 70° halogen free
Rated current:	16 A	Sheath strip length:	37 mm
Rated impulse voltage:	4 kV	Wire stripping length:	9 mm
Degree of protection (IP):	IP20, IP40 when plugged	The use of a locking device is mandatory.	
Cable diameter:	8.1 mm	Locking device for flying leads: see Accessories	



Connection cable male – free end  
Wire ends ultrasonically welded

LSOH 4G1.5  
halogen free  
Part No.

		Length m	Part No.
Cable color:	■ black	1	G1.444.0102.1
Color of coding:		2	G1.444.0202.1
Pole marking:		3	G1.444.0302.1
Application:		4	G1.444.0402.1
		5	G1.444.0502.1
		6	G1.444.0602.1
		7	G1.444.0702.1
		8	G1.444.0802.1

Cable color:	□ white	1	G1.444.0102.2
Color of coding:		2	G1.444.0202.2
Pole marking:		3	G1.444.0302.2
Application:		4	G1.444.0402.2
		5	G1.444.0502.2
		6	G1.444.0602.2
		7	G1.444.0702.2
		8	G1.444.0802.2

Other cables, other lengths, other codings on request  
Note:  
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV.  
Reference to BS7671 559 should be considered.

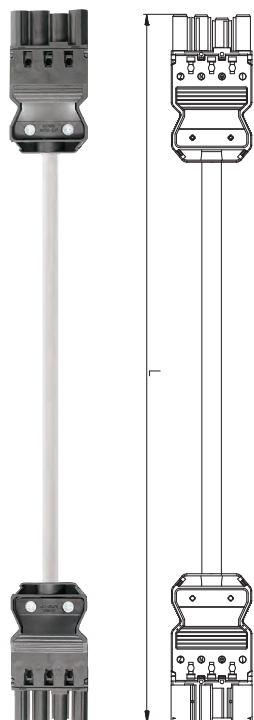


## Cable assemblies, 4-pole

### 2.5 mm<sup>2</sup>

Rated voltage:	250 V
Rated current:	20 A
Rated impulse voltage:	4 kV
Degree of protection (IP):	IP20, IP40 when plugged
Cable diameter:	10.3 mm

Cable material:	LSOH to EN 50363-0 70° halogen free
Sheath strip length:	35 mm
Wire stripping length:	9 mm
The use of a locking device is mandatory.	
Locking device for flying leads: see Accessories	



⊕ = GN/YE  
N = BU  
1 = BN  
2 = BK

### Connecting cables female – male

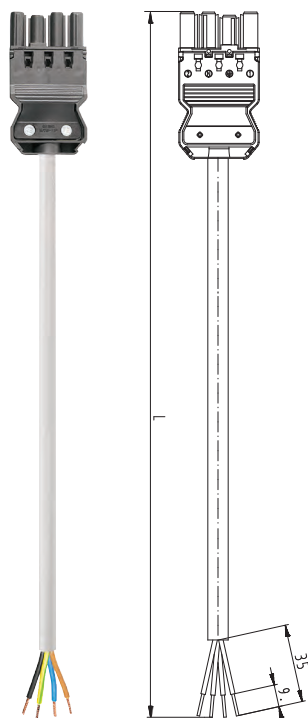
#### LSOH 4G2.5

halogen free

Length m Part No.

Cable color:	■ black	□ white
Color of coding:	1	G1.044.0103.1
Pole marking:	2	G1.044.0203.1
Application:	3	G1.044.0303.1
	4	G1.044.0403.1
	5	G1.044.0503.1
	6	G1.044.0603.1
	7	G1.044.0703.1
	8	G1.044.0803.1

Cable color:	□ white	□ white
Color of coding:	1	G1.044.0103.2
Pole marking:	2	G1.044.0203.2
Application:	3	G1.044.0303.2
	4	G1.044.0403.2
	5	G1.044.0503.2
	6	G1.044.0603.2
	7	G1.044.0703.2
	8	G1.044.0803.2



⊕ = GN/YE  
N = BU  
1 = BN  
2 = BK

### Connection cables female – free end Wire ends ultrasonically welded

#### LSOH 4G2.5

halogen free

Length m Part No.

Cable color:	■ black	□ white
Color of coding:	1	G1.344.0103.1
Pole marking:	2	G1.344.0203.1
Application:	3	G1.344.0303.1
	4	G1.344.0403.1
	5	G1.344.0503.1
	6	G1.344.0603.1
	7	G1.344.0703.1
	8	G1.344.0803.1

Cable color:	□ white	□ white
Color of coding:	1	G1.344.0103.2
Pole marking:	2	G1.344.0203.2
Application:	3	G1.344.0303.2
	4	G1.344.0403.2
	5	G1.344.0503.2
	6	G1.344.0603.2
	7	G1.344.0703.2
	8	G1.344.0803.2

Other cables, other lengths, other codings on request

Note:

Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV. Reference to BS7671 559 should be considered.

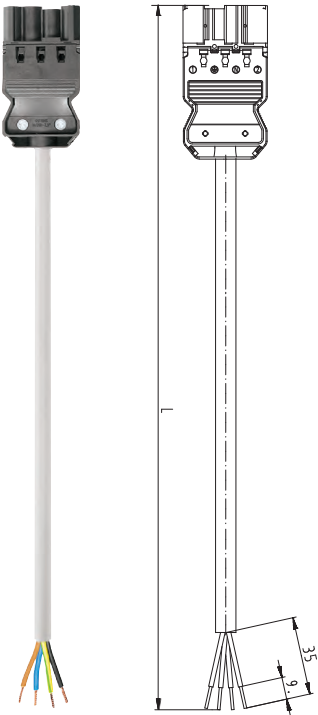






Cable assemblies, 4-pole

2.5 mm <sup>2</sup>			
Rated voltage:	250 V	Cable material:	LSOH to EN 50363-0 70° halogen free
Rated current:	20 A	Sheath strip length:	35 mm
Rated impulse voltage:	4 kV	Wire stripping length:	9 mm
Degree of protection (IP):	IP20, IP40 when plugged	The use of a locking device is mandatory.	
Cable diameter:	10.3 mm	Locking device for flying leads: see Accessories	



Connection cable male – free end  
Wire ends ultrasonically welded

		LSOH 4G2.5 halogen free
		Part No.
Length m		
Cable color:		□ white
Color of coding:	■ black	1 G1.444.0103.1
Pole marking:		2 G1.444.0203.1
Application:		3 G1.444.0303.1
		4 G1.444.0403.1
		5 G1.444.0503.1
		6 G1.444.0603.1
		7 G1.444.0703.1
		8 G1.444.0803.1
Cable color:		□ white
Color of coding:	□ white	1 G1.444.0103.2
Pole marking:		2 G1.444.0203.2
Application:		3 G1.444.0303.2
		4 G1.444.0403.2
		5 G1.444.0503.2
		6 G1.444.0603.2
		7 G1.444.0703.2
		8 G1.444.0803.2

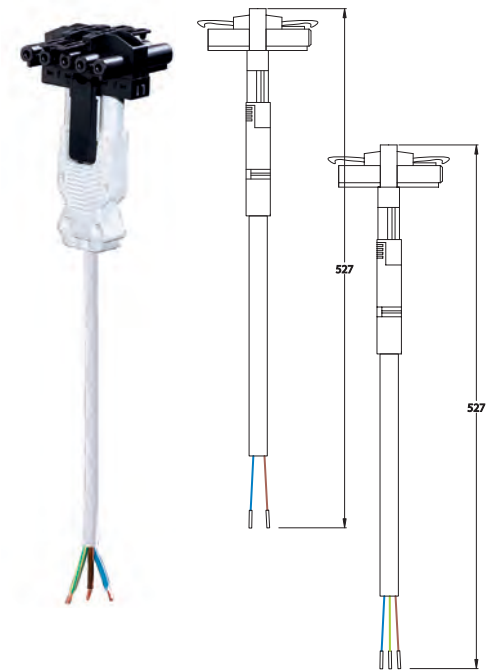
Other cables, other lengths, other codings on request  
Note:  
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV.  
Reference to BS7671 559 should be considered.



Connector assemblies for luminaire connection, 5-pole

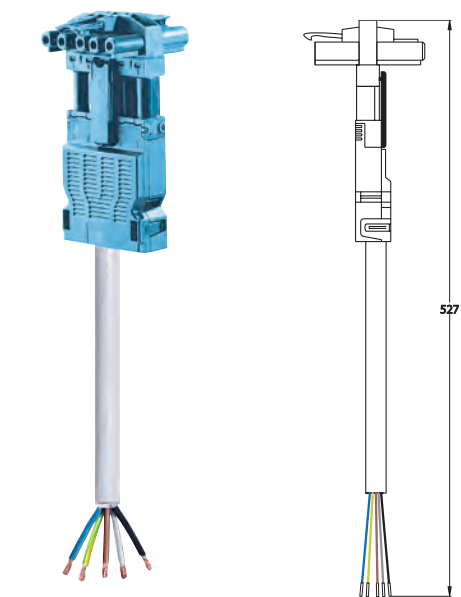
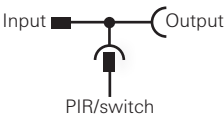
**1.5 mm<sup>2</sup>**

Rated voltage:	250 V/400 V	Cable material:	LSOH to EN 50363-0 70° halogen free
Rated current:	16 A	Lockable:	Yes
Rated impulse voltage:	4 kV	Sheath strip length:	35 mm
Degree of protection (IP):	IP20, IP40 when plugged	Wire stripping length:	9 mm

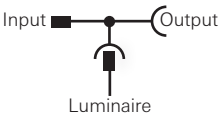


T-piece with connecting cable 2x1.5 mm <sup>2</sup>			Sheath LSOH 2x1.5
Color of the coding	Cable / T-piece / Connector	Length m	Part No.
■ pastel blue	white / black / black	0.5 / 2 wires	G1.952.0542.7
Luminaire connection: Free end			

T-piece with connecting cable 3G			Sheath LSOH 3G1.5
Color of the coding	Cable / T-piece / Connector	Length m	Part No.
□ white	white / black / white	0.5 / 3 wires	G1.953.0542.1
■ pastel blue	white / black / white	0.5 / 3 wires	G1.953.0542.7
Luminaire connection: Free end			



T-piece with connecting cable			Sheath LSOH 5G1.5
Color of the coding	Cable / T-piece / Connector	Length m	Part No.
□ white	white / black / black	0.5 / 5 wires	G1.955.0542.1
■ pastel blue	white / black / black	0.5 / 5 wires	G1.955.0542.7
Luminaire connection: Free end			

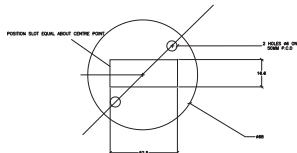


**Note:**  
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV. Reference to BS7671 559 should be considered.



Besa plate, 5-pole

Besa plate, 5 pole



Besa plate, metal plate for Besa distribution box

Color of the coding	Color	Part No.
	metal	34.399.1673.1
for 5 pole snap-in connectors (such as Part No. 92.051.8658.0)		
A Besa extension ring is additionally required (from third-party supplier)		

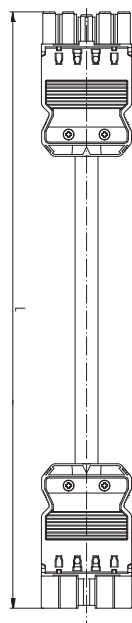


## Cable assemblies, 5-pole

### 1.5 mm<sup>2</sup>

Rated voltage:	250 V
Rated current:	16 A
Rated impulse voltage:	4 kV
Degree of protection (IP):	IP20, IP40 when plugged
Cable diameter:	9.3 mm

Cable material:	LSOH to EN 50363-0 70° halogen free
Sheath strip length:	35 mm
Wire stripping length:	9 mm
The use of a locking device is mandatory.	
Locking device for flying leads: see Accessories	



Power 250 V + dimming:

⊕ = GN/YE  
N = BU  
L = BN  
D2 = WH  
D1 = RD



Power 250 V:

⊕ = GN/YE  
N = BU  
1 = BN  
2 = BK  
3 = GY

### Connecting cables female – male

#### LSOH 5G1.5

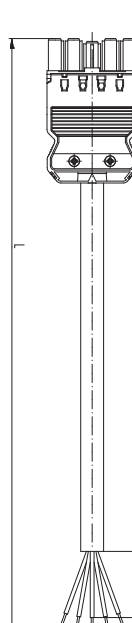
halogen free

Length m Part No.

Cable color:	■ pastel blue	□ white
Color of coding:	1	G1.055.0102.7
Pole marking:	2	G1.055.0202.7
Application:	3	G1.055.0302.7
	4	G1.055.0402.7
	5	G1.055.0502.7
	7	G1.055.0702.7
	10	G1.055.1002.7

Cable color:	■ black	□ white
Color of coding:	1	G1.055.0102.1
Pole marking:	2	G1.055.0202.1
Application:	3	G1.055.0302.1
	4	G1.055.0402.1
	5	G1.055.0502.1
	7	G1.055.0702.1
	10	G1.055.1002.1

Due to the different wiring configurations adapted to British standards, these cables must not be used together with other GST18i5 cable assemblies.



Power 250 V + dimming:

⊕ = GN/YE  
N = BU  
L = BN  
D2 = WH  
D1 = RD



Power 250 V:

⊕ = GN/YE  
N = BU  
1 = BN  
2 = BK  
3 = GY

### Connection cables female – free end Wire ends ultrasonically welded

#### LSOH 5G1.5

halogen free

Length m Part No.

Cable color:	■ pastel blue	□ white
Color of coding:	1	G1.355.0102.7
Pole marking:	2	G1.355.0202.7
Application:	3	G1.355.0302.7
	4	G1.355.0402.7
	5	G1.355.0502.7
	7	G1.355.0702.7
	10	G1.355.1002.7

Cable color:	■ black	□ white
Color of coding:	1	G1.355.0102.1
Pole marking:	2	G1.355.0202.1
Application:	3	G1.355.0302.1
	4	G1.355.0402.1
	5	G1.355.0502.1
	7	G1.355.0702.1
	10	G1.355.1002.1

Due to the different wiring configurations adapted to British standards, these cables must not be used together with other GST18i5 cable assemblies.

Other cables, other lengths, other codings on request

Note:

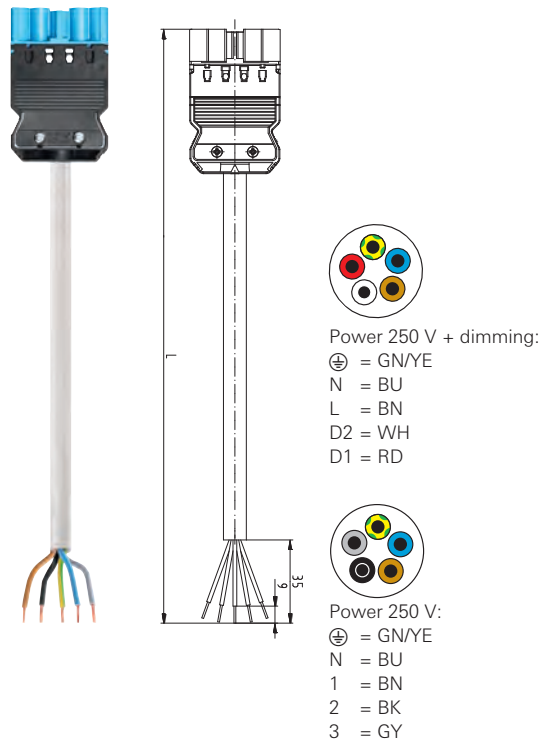
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV. Reference to BS7671 559 should be considered.



Cable assemblies, 5-pole

1.5 mm<sup>2</sup>

Rated voltage:	250 V	Cable material:	LSOH to EN 50363-0 70° halogen free
Rated current:	16 A	Sheath strip length:	35 mm
Rated impulse voltage:	4 kV	Wire stripping length:	9 mm
Degree of protection (IP):	IP20, IP40 when plugged	The use of a locking device is mandatory.	
Cable diameter:	9.3 mm	Locking device for flying leads: see Accessories	



Connection cable male – free end  
Wire ends ultrasonically welded

LSOH 5G1.5  
halogen free

Length m	Part No.
Cable color:	□ white
Color of coding: ■ pastel blue	1 G1.455.0102.7
Pole marking:	2 G1.455.0202.7
Application:	3 G1.455.0302.7
	4 G1.455.0402.7
	5 G1.455.0502.7
	7 G1.455.0702.7
	10 G1.455.1002.7

Cable color:	□ white
Color of coding: ■ black	1 G1.455.0102.1
Pole marking:	2 G1.455.0202.1
Application:	3 G1.455.0302.1
	4 G1.455.0402.1
	5 G1.455.0502.1
	7 G1.455.0702.1
	10 G1.455.1002.1

Due to the different wiring configurations adapted to British standards, these cables must not be used together with other GST18i5 cable assemblies.

Other cables, other lengths, other codings on request  
Note:  
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV.  
Reference to BS7671 559 should be considered.

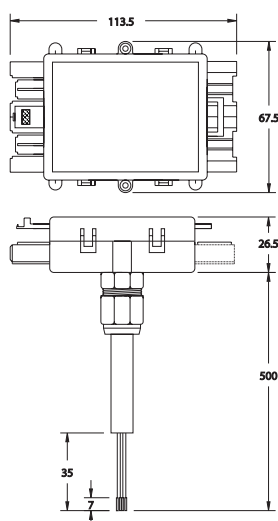
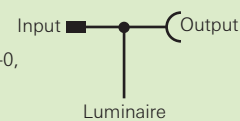


## Connector assemblies for luminaire connection, 6-pole

### 1,5 mm<sup>2</sup>

Rated voltage:	250 V/400 V
Rated current:	16 A
Rated impulse voltage:	4 kV
Degree of protection (IP):	IP20, IP40 when plugged

Cable material:	LSOH to EN 50363-0, 70° halogen free
Lockable:	Yes
Sheath strip length:	35 mm
Wire stripping length:	9 mm



### T-piece with connecting cable 2x1.5 mm<sup>2</sup>

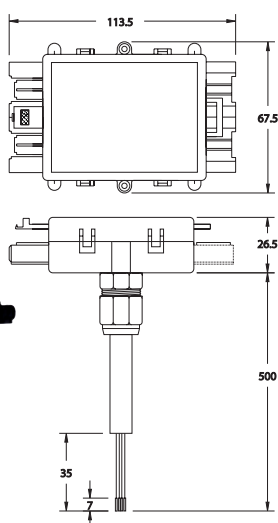
Sheath **LSOH 2x1.5**

Color of the coding	Cable / housing	Length m	Part No.
■ black/	white / white	0.5 / 2 wires	G1.962.0542.9
■ pastel blue			
Luminaire connection – Free end			

### T-piece with connecting cable 3G

Sheath **LSOH 3G1.5**

Color of the coding	Cable / housing	Length m	Part No.
■ black/	white / white	0.5 / 3 wires	G1.963.0542.9
■ pastel blue			
Luminaire connection – Free end			



### T-piece with connecting cable 4G

Sheath **LSOH 4G1.5**

Color of the coding	Cable / housing	Length m	Part No.
■ black/	white / white	0.5 / 4 wires	G1.964.0542.9
■ pastel blue			
Luminaire connection – Free end			

### T-piece with connecting cable 5G

Sheath **LSOH 5G1.5**

Color of the coding	Cable / housing	Length m	Part No.
■ black/	white / white	0.5 / 5 wires	G1.965.0542.9
■ pastel blue			
Luminaire connection – Free end			

**Note:**  
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV. Reference to BS7671 559 should be considered.



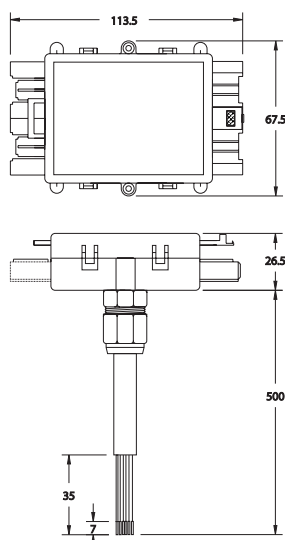


## Connector assemblies for luminaire connection, 6-pole

### 1.5 mm<sup>2</sup>

Rated voltage:	250 V/400 V
Rated current:	16 A
Rated impulse voltage:	4 kV
Degree of protection (IP):	IP20, IP40 when plugged

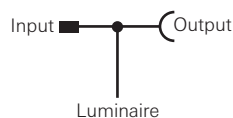
Cable material:	LSOH to EN 50363-0, 70° halogen free
Lockable:	Yes
Sheath strip length:	35 mm
Wire stripping length:	9 mm



### T-piece with connecting cable

Sheath **LSOH 6x1.5**

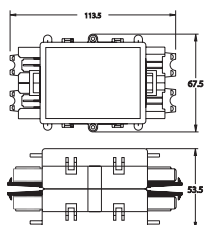
Color of the coding	Cable / housing	Length m	Part No.
■ black/ ■ pastel blue	white / white	0.5 / 6 wires	G1.966.0542.9
Luminaire connection – Free end			



## Switch modules, 6-pole

Rated voltage:	250 V
Rated current:	16 A
Rated impulse voltage:	4 kV
Approvals:	

### Distribution block



### Infrared motion detector, passive (L1)

Color of the coding	Color	Part No.
■ black/pastellblue with through-wiring	white	G1.860.0042.7



### Distribution unit without switching functions

Color of the coding	Color	Part No.
□ white	white	G1.966.0000.7



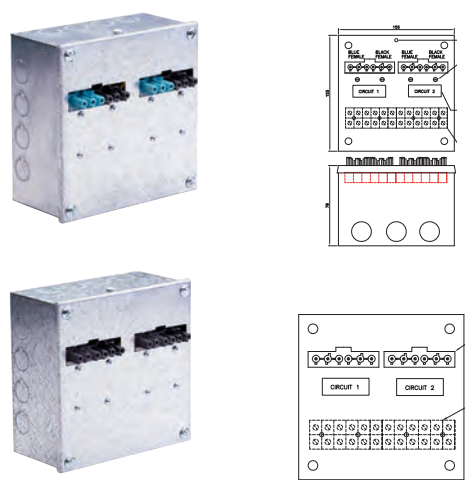
**Note:**  
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV. Reference to BS7671 559 should be considered.



Distribution boxes with 2.5 mm<sup>2</sup> wiring,  
metal housing, besa plate, 6-pole

Rated voltage:	250 V
Rated current:	20 A
Rated impulse voltage:	4 kV
Housing:	Metal

Distribution box



Two circuits

Color of the coding	Color	Part No.
□ white	metal	G1.162.6603.7
each circuit with 1 female connector, 6 pole; coding pastel blue/black		

Two circuits

Color of the coding	Color	Part No.
■ black	metal	G1.162.6603.1
each circuit with 1 female connector, 6 pole; coding black/black		





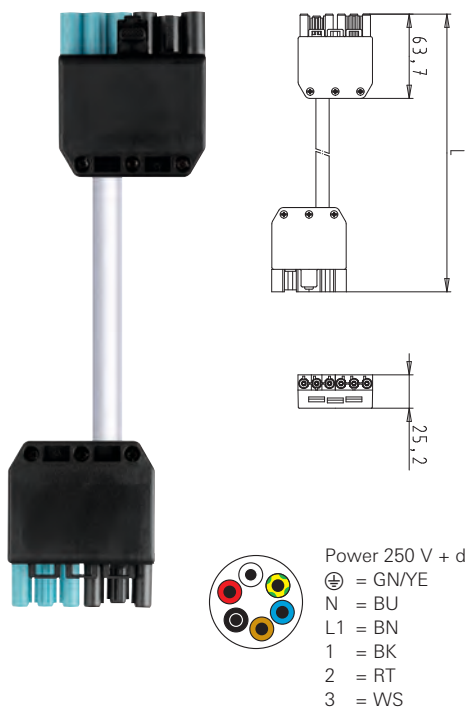


## Cable assemblies, 6 pole

### 1.5 mm<sup>2</sup>

Rated voltage:	250 V
Rated current:	16 A
Rated impulse voltage:	4 kV
Degree of protection (IP):	IP20, IP40 when plugged
Cable diameter:	10.1 mm

Cable material:	LSOH to EN 50363-0 70° halogen free
Sheath strip length:	35 mm
Wire stripping length:	9 mm
The use of a locking device is mandatory.	
Locking device for flying leads: see Accessories	



### Connecting cables female – male

#### LSOH 6G1.5

halogen free

Length m Part No.

Cable color:	<input type="checkbox"/> white
Color of coding:	<input checked="" type="checkbox"/> black/pastel blue
Pole marking:	1
Application:	2 G1.066.0202.7
	3 G1.066.0302.7
	4 G1.066.0402.7
	5 G1.066.0502.7
	6 G1.066.0602.7
	7 G1.066.0702.7
	10 G1.066.1002.7

For ordering cable assemblies with coding black/gray replace the last digit with 0.

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST 18i6 cable assemblies.

### Connection cables female – free end Wire ends ultrasonically welded

#### 31838 LSOH

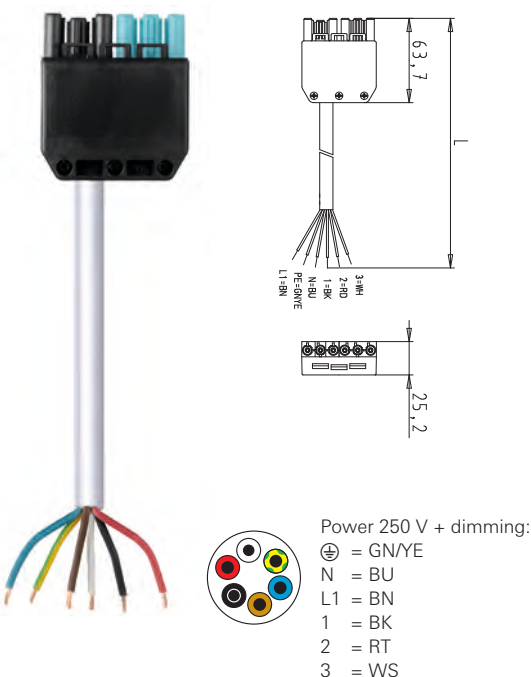
halogen free

Length m Part No.

Cable color:	<input type="checkbox"/> white
Color of coding:	<input checked="" type="checkbox"/> black/pastel blue
Pole marking:	1
Application:	2 G1.366.0202.7
	3 G1.366.0302.7
	4 G1.366.0402.7
	5 G1.366.0502.7
	6 G1.366.0602.7
	7 G1.366.0702.7
	10 G1.366.1002.7

For ordering cable assemblies with coding black/gray replace the last digit with 0.

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST 18i6 cable assemblies.



Other cables, other lengths, other codings on request

Note:

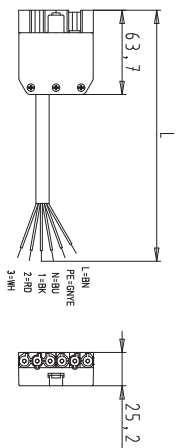
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV. Reference to BS7671 559 should be considered.



Cable assemblies, 6 pole

1.5 mm<sup>2</sup>

Rated voltage:	250 V	Cable material:	LSOH to EN 50363-0 70° halogen free
Rated current:	16 A	Sheath strip length:	35 mm
Rated impulse voltage:	4 kV	Wire stripping length:	9 mm
Degree of protection (IP):	IP20, IP40 when plugged	The use of a locking device is mandatory.	
Cable diameter:	10.1 mm	Locking device for flying leads: see Accessories	



Power 250 V + dimming:  
⊕ = GN/VE  
N = BU  
L1 = BN  
1 = BK  
2 = RT  
3 = WS

Connection cable male – free end  
Wire ends ultrasonically welded

LSOH 6G1.5  
halogen free  
Part No.

Length m	Part No.
1	□ white
2	G1.466.0202.7
3	G1.466.0302.7
4	G1.466.0402.7
5	G1.466.0502.7
6	G1.466.0602.7
7	G1.466.0702.7
10	G1.466.1002.7

For ordering cable assemblies with coding black/gray replace the last digit with 0.

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST 18i6 cable assemblies.



Other cables, other lengths, other codings on request  
Note:  
Cable is for indoor general wiring only. This cable is not suitable for use in high temperature zones, near incandescent lamps or for through wiring of luminaires, outdoor use, or areas of elevated UV.  
Reference to BS7671 559 should be considered.



## Starter Lead

### Cables female – free end

Rated voltage: 250V / 250V/400V

Rated impulse voltage: 4 kV

Degree of protection (IP): IP20

Cable material: Cable LSOH as per BS7211 and Belden 8491 type when Coding C8 LON

Cable Ø: metal flexible conduit 16 mm diameter

Insulation strip length: 10 mm

Sheat strip length: 800 mm

Material single conductor: H07Z-R halogen free

Use of a RCD mandatory



#### MST32i3, 3 poles

Length m Part No.

Coding:	■ C1 POWER	2.0	G5.331.0206.1
	3 poles / 3 wire	3.0	G5.331.0306.1
Application:	Mains 250 V	5.0	G5.331.0506.1
	32 A	7.0	G5.331.0706.1
	6.0 mm <sup>2</sup>	9.0	G5.331.0906.1
		11.0	G5.331.1106.1
		13.0	G5.331.1306.1
		15.0	G5.331.1506.1



#### MST25i4, 4 poles

Length m Part No.

Coding:	■ C2	2.0	G5.341.0204.2
	4 poles / 4 wire	3.0	G5.341.0304.2
Application:	Mains 250 V +	5.0	G5.341.0504.2
	"high integrity	7.0	G5.341.0704.2
	earth"	9.0	G5.341.0904.2
	25 A	11.0	G5.341.1104.2
	4.0 mm <sup>2</sup>	13.0	G5.341.1304.2
		15.0	G5.341.1504.2



#### MST20i3, 3 poles

Length m Part No.

Coding:	□ C3	2.0	G5.331.0203.3
	3 poles / 3 wire	3.0	G5.331.0303.3
Application:	Mains 250 V	5.0	G5.331.0503.3
	20 A	7.0	G5.331.0703.3
	2.5 mm <sup>2</sup>	9.0	G5.331.0903.3
		11.0	G5.331.1103.3
		13.0	G5.331.1303.3
		15.0	G5.331.1503.3



#### MST20i3, 3 poles

Length m Part No.

Coding:	□ C3	2.0	G5.331.0204.3
	3 poles / 3 wire	3.0	G5.331.0304.3
Application:	Mains 250 V	5.0	G5.331.0504.3
	20 A	7.0	G5.331.0704.3
	4.0 mm <sup>2</sup>	9.0	G5.331.0904.3
		11.0	G5.331.1104.3
		13.0	G5.331.1304.3
		15.0	G5.331.1504.3



#### MST20i4, 4 poles

Length m Part No.

Coding:	■ C4	2.0	G5.341.0203.4
	4 poles / 4 wire	3.0	G5.341.0303.4
Application:	Mains 250 V +	5.0	G5.341.0503.4
	emergency light	7.0	G5.341.0703.4
	20 A	9.0	G5.341.0903.4
	2.5 mm <sup>2</sup>	11.0	G5.341.1103.4
		13.0	G5.341.1303.4
		15.0	G5.341.1503.4



#### MST20i4, 4 poles

Length m Part No.

Coding:	■ C4	2.0	G5.341.0204.4
	4 poles / 4 wire	3.0	G5.341.0304.4
Application:	Mains 250 V +	5.0	G5.341.0504.4
	emergency light	7.0	G5.341.0704.4
	20 A	9.0	G5.341.0904.4
	4.0 mm <sup>2</sup>	11.0	G5.341.1104.4
		13.0	G5.341.1304.4
		15.0	G5.341.1504.4



#### MST20i5, 5 poles

Length m Part No.

Coding:	■ C5 DALI	2.0	G5.351.0203.5
	5 poles / 5 wire	3.0	G5.351.0303.5
Application:	DALI 250 V	5.0	G5.351.0503.5
	20 A	7.0	G5.351.0703.5
	2.5 mm <sup>2</sup>	9.0	G5.351.0903.5
		11.0	G5.351.1103.5
		13.0	G5.351.1303.5
		15.0	G5.351.1503.5



#### MST20i6, 6 poles

Length m Part No.

Coding:	■ C6	2.0	G5.361.0203.6
	6 poles / 6 wire	3.0	G5.361.0303.6
Application:	DALI 250 V +	5.0	G5.361.0503.6
	emergency light	7.0	G5.361.0703.6
	20 A	9.0	G5.361.0903.6
	2.5 mm <sup>2</sup>	11.0	G5.361.1103.6
		13.0	G5.361.1303.6
		15.0	G5.361.1503.6



#### MST20i5, 5 poles

Length m Part No.

Coding:	■ C7, 3 Phase	2.0	G5.351.0203.7
	5 poles / 5 wire	3.0	G5.351.0303.7
Application:	Mains 250 V /	5.0	G5.351.0503.7
	400 V	7.0	G5.351.0703.7
	20 A	9.0	G5.351.0903.7
	2.5 mm <sup>2</sup>	11.0	G5.351.1103.7
		13.0	G5.351.1303.7
		15.0	G5.351.1503.7



#### MST20i6, 6 poles

Length m Part No.

Coding:	■ C8 LON	2.0	G5.361.0203.8
	6 poles / 6 wire	3.0	G5.361.0303.8
Application:	Mains 250 V	5.0	G5.361.0503.8
	20 A	7.0	G5.361.0703.8
	2.5 mm <sup>2</sup>	9.0	G5.361.0903.8
		11.0	G5.361.1103.8
		13.0	G5.361.1303.8
		15.0	G5.361.1503.8





## Extender Lead

### Connecting cables male – female

Rated voltage: 250V / 250V/400V

Rated impulse voltage: 4 kV

Degree of protection (IP): IP20

Cable material: Cable LSOH as per BS7211 and Belden 8491 type when Coding C8 LON

Cable Ø: metal flexible conduit 16 mm diameter

Material single conductor: H07Z-R halogen free

Use of a RCD mandatory



#### MST32i3, 3 poles

Length m Part No.

Coding:	■ C1 POWER	2.0	G5.031.0206.1
	3 poles / 3 wire	3.0	G5.031.0306.1
Application:	Mains 250 V	5.0	G5.031.0506.1
	32 A	7.0	G5.031.0706.1
	6.0 mm <sup>2</sup>	9.0	G5.031.0906.1
		11.0	G5.031.1106.1
		13.0	G5.031.1306.1
		15.0	G5.031.1506.1



#### MST25i4, 4 poles

Length m Part No.

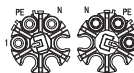
Coding:	■ C2	2.0	G5.041.0204.2
	4 poles / 4 wire	3.0	G5.041.0304.2
Application:	Mains 250 V +	5.0	G5.041.0504.2
	"high integrity	7.0	G5.041.0704.2
	earth"	9.0	G5.041.0904.2
	25 A	11.0	G5.041.1104.2
	4.0 mm <sup>2</sup>	13.0	G5.041.1304.2
		15.0	G5.041.1504.2



#### MST20i3, 3 poles

Length m Part No.

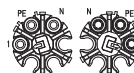
Coding:	□ C3	2.0	G5.031.0203.3
	3 poles / 3 wire	3.0	G5.031.0303.3
Application:	Mains 250 V	5.0	G5.031.0503.3
	20 A	7.0	G5.031.0703.3
	2.5 mm <sup>2</sup>	9.0	G5.031.0903.3
		11.0	G5.031.1103.3
		13.0	G5.031.1303.3
		15.0	G5.031.1503.3



#### MST20i3, 3 poles

Length m Part No.

Coding:	□ C3	2.0	G5.031.0204.3
	3 poles / 3 wire	3.0	G5.031.0304.3
Application:	Mains 250 V	5.0	G5.031.0504.3
	20 A	7.0	G5.031.0704.3
	4.0 mm <sup>2</sup>	9.0	G5.031.0904.3
		11.0	G5.031.1104.3
		13.0	G5.031.1304.3
		15.0	G5.031.1504.3



#### MST20i4, 4 poles

Length m Part No.

Coding:	■ C4	2.0	G5.041.0203.4
	4 poles / 4 wire	3.0	G5.041.0303.4
Application:	Mains 250 V +	5.0	G5.041.0503.4
	emergency light	7.0	G5.041.0703.4
	20 A	9.0	G5.041.0903.4
	2.5 mm <sup>2</sup>	11.0	G5.041.1103.4
		13.0	G5.041.1303.4
		15.0	G5.041.1503.4



#### MST20i4, 4 poles

Length m Part No.

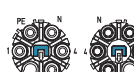
Coding:	■ C4	2.0	G5.041.0204.4
	4 poles / 4 wire	3.0	G5.041.0304.4
Application:	Mains 250 V +	5.0	G5.041.0504.4
	emergency light	7.0	G5.041.0704.4
	20 A	9.0	G5.041.0904.4
	4.0 mm <sup>2</sup>	11.0	G5.041.1104.4
		13.0	G5.041.1304.4
		15.0	G5.041.1504.4



#### MST20i5, 5 poles

Length m Part No.

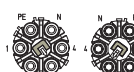
Coding:	■ C5 DALI	2.0	G5.051.0203.5
	5 poles / 5 wire	3.0	G5.051.0303.5
Application:	DALI 250 V	5.0	G5.051.0503.5
	20 A	7.0	G5.051.0703.5
	2.5 mm <sup>2</sup>	9.0	G5.051.0903.5
		11.0	G5.051.1103.5
		13.0	G5.051.1303.5
		15.0	G5.051.1503.5



#### MST20i6, 6 poles

Length m Part No.

Coding:	■ C6	2.0	G5.061.0203.6
	6 poles / 6 wire	3.0	G5.061.0303.6
Application:	DALI 250 V +	5.0	G5.061.0503.6
	emergency light	7.0	G5.061.0703.6
	20 A	9.0	G5.061.0903.6
	2.5 mm <sup>2</sup>	11.0	G5.061.1103.6
		13.0	G5.061.1303.6
		15.0	G5.061.1503.6



#### MST20i5, 5 poles

Length m Part No.

Coding:	■ C7, 3 Phase	2.0	G5.051.0203.7
	5 poles / 5 wire	3.0	G5.051.0303.7
Application:	Mains 250 V /	5.0	G5.051.0503.7
	400 V	7.0	G5.051.0703.7
	20 A	9.0	G5.051.0903.7
	2.5 mm <sup>2</sup>	11.0	G5.051.1103.7
		13.0	G5.051.1303.7
		15.0	G5.051.1503.7



#### MST20i6, 6 poles

Length m Part No.

Coding:	■ C8 LON	2.0	G5.061.0203.8
	6 poles / 6 wire	3.0	G5.061.0303.8
Application:	Mains 250 V	5.0	G5.061.0503.8
	20 A	7.0	G5.061.0703.8
	2.5 mm <sup>2</sup>	9.0	G5.061.0903.8
		11.0	G5.061.1103.8
		13.0	G5.061.1303.8
		15.0	G5.061.1503.8





## Drop Lead

### Cables female – free end

Rated voltage: 250V / 250V/400V

Rated impulse voltage: 4 kV

Degree of protection (IP): IP20

Cable material: Cable LSOH as per BS7211 and Belden 8491 type when Coding C8 LON

Cable Ø: metal flexible conduit 16 mm diameter

Insulation strip length: 10 mm

Sheat strip length: 800 mm

Material single conductor: H07Z-R halogen free

Use of a RCD mandatory

#### MST32i3, 3 poles

Length m Part No.

Coding:	■ C1 POWER	2.0	G5.431.0206.1
	3 poles / 3 wire	3.0	G5.431.0306.1
Application:	Mains 250 V	5.0	G5.431.0506.1
	32 A	7.0	G5.431.0706.1
	6.0 mm <sup>2</sup>	9.0	G5.431.0906.1
		11.0	G5.431.1106.1
		13.0	G5.431.1306.1
		15.0	G5.431.1506.1



#### MST25i4, 4 poles

Length m Part No.

Coding:	■ C2	2.0	G5.441.0204.2
	4 poles / 4 wire	3.0	G5.441.0304.2
Application:	Mains 250 V +	5.0	G5.441.0504.2
	"high integrity	7.0	G5.441.0704.2
	earth"	9.0	G5.441.0904.2
	25 A	11.0	G5.441.1104.2
	4.0 mm <sup>2</sup>	13.0	G5.441.1304.2
		15.0	G5.441.1504.2



#### MST20i3, 3 poles

Length m Part No.

Coding:	□ C3	2.0	G5.431.0203.3
	3 poles / 3 wire	3.0	G5.431.0303.3
Application:	Mains 250 V	5.0	G5.431.0503.3
	20 A	7.0	G5.431.0703.3
	2.5 mm <sup>2</sup>	9.0	G5.431.0903.3
		11.0	G5.431.1103.3
		13.0	G5.431.1303.3
		15.0	G5.431.1503.3



#### MST20i3, 3 poles

Length m Part No.

Coding:	□ C3	2.0	G5.431.0204.3
	3 poles / 3 wire	3.0	G5.431.0304.3
Application:	Mains 250 V	5.0	G5.431.0504.3
	20 A	7.0	G5.431.0704.3
	4.0 mm <sup>2</sup>	9.0	G5.431.0904.3
		11.0	G5.431.1104.3
		13.0	G5.431.1304.3
		15.0	G5.431.1504.3



#### MST20i4, 4 poles

Length m Part No.

Coding:	■ C4	2.0	G5.441.0203.4
	4 poles / 4 wire	3.0	G5.441.0303.4
Application:	Mains 250 V +	5.0	G5.441.0503.4
	emergency light	7.0	G5.441.0703.4
	20 A	9.0	G5.441.0903.4
	2.5 mm <sup>2</sup>	11.0	G5.441.1103.4
		13.0	G5.441.1303.4
		15.0	G5.441.1503.4



#### MST20i4, 4 poles

Length m Part No.

Coding:	■ C4	2.0	G5.441.0204.4
	4 poles / 4 wire	3.0	G5.441.0304.4
Application:	Mains 250 V +	5.0	G5.441.0504.4
	emergency light	7.0	G5.441.0704.4
	20 A	9.0	G5.441.0904.4
	4.0 mm <sup>2</sup>	11.0	G5.441.1104.4
		13.0	G5.441.1304.4
		15.0	G5.441.1504.4



#### MST20i5, 5 poles

Length m Part No.

Coding:	■ C5 DALI	2.0	G5.451.0203.5
	5 poles / 5 wire	3.0	G5.451.0303.5
Application:	DALI 250 V	5.0	G5.451.0503.5
	20 A	7.0	G5.451.0703.5
	2.5 mm <sup>2</sup>	9.0	G5.451.0903.5
		11.0	G5.451.1103.5
		13.0	G5.451.1303.5
		15.0	G5.451.1503.5



#### MST20i6, 6 poles

Length m Part No.

Coding:	■ C6	2.0	G5.461.0203.6
	6 poles / 6 wire	3.0	G5.461.0303.6
Application:	DALI 250 V +	5.0	G5.461.0503.6
	emergency light	7.0	G5.461.0703.6
	20 A	9.0	G5.461.0903.6
	2.5 mm <sup>2</sup>	11.0	G5.461.1103.6
		13.0	G5.461.1303.6
		15.0	G5.461.1503.6



#### MST20i5, 5 poles

Length m Part No.

Coding:	■ C7, 3 Phase	2.0	G5.451.0203.7
	5 poles / 5 wire	3.0	G5.451.0303.7
Application:	Mains 250 V /	5.0	G5.451.0503.7
	400 V	7.0	G5.451.0703.7
	20 A	9.0	G5.451.0903.7
	2.5 mm <sup>2</sup>	11.0	G5.451.1103.7
		13.0	G5.451.1303.7
		15.0	G5.451.1503.7



#### MST20i6, 6 poles

Length m Part No.

Coding:	■ C8 LON	2.0	G5.461.0203.8
	6 poles / 6 wire	3.0	G5.461.0303.8
Application:	Mains 250 V	5.0	G5.461.0503.8
	20 A	7.0	G5.461.0703.8
	2.5 mm <sup>2</sup>	9.0	G5.461.0903.8
		11.0	G5.461.1103.8
		13.0	G5.461.1303.8
		15.0	G5.461.1503.8





## Components

Rated voltage:	250V / 250V/400V	Cable Ø:	metal flexible conduit 16 mm diameter
Rated impulse voltage:	4 kV	Cable:	Flex Drop S05HH-F
Degree of protection (IP):	IP20	Material single conductor:	H07Z-R halogen free
Cable material:	Cable LSOH as per BS7211 and Belden 8491 type when Coding C8 LON	Use of a RCD mandatory	

### T Connector – Flex Drop



#### MST20i3, 3 poles

Length m Part No.

Coding:	<input type="checkbox"/> C3	0.5	G5.936.0543.3
	3 poles / 3 wire	1.0	G5.936.1043.3
Application:	Mains 250 V	1.5	G5.936.1543.3
	20 A		
	2.5 mm <sup>2</sup>		



#### MST20i4, 4 poles

Length m Part No.

Coding:	<input checked="" type="checkbox"/> C4	0.5	G5.946.0542.4
	4 poles / 4 wire	1.0	G5.946.1042.4
Application:	Mains 250 V +	1.5	G5.946.1542.4
	emergency light		
	20 A		
	1.5 mm <sup>2</sup>		



#### MST20i5, 5 poles

Length m Part No.

Coding:	<input checked="" type="checkbox"/> C5 DALI	0.5	G5.956.0542.5
	5 poles / 5 wire	1.0	G5.956.1042.5
Application:	DALI 250 V	1.5	G5.956.1542.5
	20 A		
	1.5 mm <sup>2</sup>		



#### MST20i6, 6 poles

Length m Part No.

Coding:	<input checked="" type="checkbox"/> C6	0.5	G5.966.0542.6
	6 poles / 6 wire	1.0	G5.966.1042.6
Application:	DALI 250 V +	1.5	G5.966.1542.6
	emergency light		
	20 A		
	1.5 mm <sup>2</sup>		



Part No. DALI G5.926.0542.5 ff.

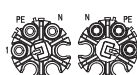
### T Connector – Conduit Drop



#### MST20i3, 3 poles

Length m Part No.

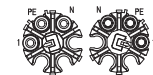
Coding:	<input type="checkbox"/> C3	0.5	G5.931.0593.3
	3 poles / 3 wire	1.0	G5.931.1093.3
Application:	Mains 250 V	1.5	G5.931.1593.3
	20 A	2.0	G5.931.2093.3
	2.5 mm <sup>2</sup>	3.0	G5.931.3093.3
		4.0	G5.931.4093.3
		5.0	G5.931.5093.3



#### MST20i3, 3 poles

Length m Part No.

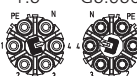
Coding:	<input type="checkbox"/> C3	0.5	G5.931.0593.3
	3 poles / 3 wire	1.0	G5.931.1093.3
Application:	Mains 250 V	1.5	G5.931.1593.3
	20 A	2.0	G5.931.2093.3
	4.0 mm <sup>2</sup>	3.0	G5.931.3093.3
		4.0	G5.931.4093.3
		5.0	G5.931.5093.3



#### MST20i6, 6 poles

Length m Part No.

Coding:	<input checked="" type="checkbox"/> C8 LON	0.5	G5.956.0542.5
	6 poles / 6 wire	1.0	G5.956.1042.5
Application:	Mains 250 V	1.5	G5.956.1542.5
	20 A		
	2.5 mm <sup>2</sup>		



### T Connector – SPUR (tap off fused with 10 A\*)



#### MST32i3, 3 poles

Length m Part No.

Coding:	<input checked="" type="checkbox"/> C1 POWER	1.0	G5.536.0103.1
	3 poles / 3 wire	2.0	G5.536.0203.1
Application:	Mains 250 V		
	32 A		
10 A fuse	2.5 mm <sup>2</sup>		



#### MST20i3, 3 poles

Length m Part No.

Coding:	<input type="checkbox"/> C3	1.0	G5.536.0103.3
	3 poles / 3 wire	2.0	G5.536.0203.3
Application:	Mains 250 V		
	20 A		
10 A fuse	2.5 mm <sup>2</sup>		



\* Note: different size fuses can be purchased separately

### Switch Module

Part No.

Coding:	1x C7/IN,		
	3x C7/OUT (distributor)	G5.800.0023.7	
	1x C6/IN, 1x C6/OUT,	G5.800.0044.6	
	1x C0/SWITCH, 1x C6/LIGHT		
	1x C6/IN, 2x C0/SWITCH,	G5.800.0063.6	
	1x C6/LIGHT		

### Dust cap

Part No.



06.560.4153.0









## Spain



from page

**GST18i3** Pre-assembled cables

**182**

e-  
Shop

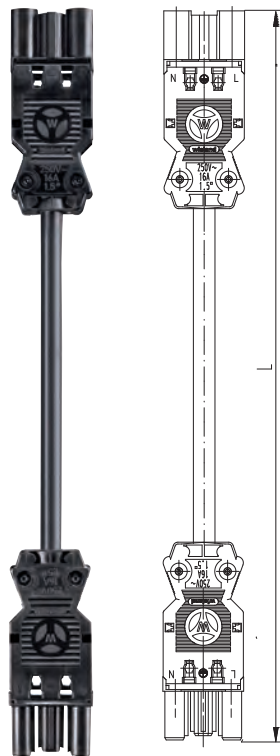
More information  
<http://eshop.wieland-electric.com>



Pre-assembled cables, 3-pole

1.5 mm<sup>2</sup>

Rated voltage:	250 V	Cable material, RZ1 0.6/1kV 3G1.5:	halogen free
Rated current:	16 A	The use of a locking device is mandatory.	
Rated impulse voltage:	4 kV	Locking device for flying leads: see Accessories GST18	
Degree of protection (IP):	IP20, IP40 when plugged		



⊕ = GN/YE  
N = BU  
L = BN

Connecting cables female – male

RZ1 0.6/1kV 3G1.5

halogen free

Length m Part No.

Cable color:	■ black	■ black
Color of coding:	■ black	1 G2.232.1060.1
Pole marking:	L, PE, N	2 G2.232.2060.1
Application:		3 G2.232.3060.1
		4 G2.232.4060.1
		5 G2.232.5060.1
		6 G2.232.6060.1
		7 G2.232.7060.1
		8 G2.232.8060.1

Cable color:	□ white	□ white
Color of coding:	□ white	1 G2.232.1060.2
Pole marking:	L, PE, N	2 G2.232.2060.2
Application:		3 G2.232.3060.2
		4 G2.232.4060.2
		5 G2.232.5060.2
		6 G2.232.6060.2
		7 G2.232.7060.2
		8 G2.232.8060.2

Cable color:	■ black	■ green
Color of coding:	■ black	1 G2.232.1060.7
Pole marking:	L, PE, N	2 G2.232.2060.7
Application:		3 G2.232.3060.7
		4 G2.232.4060.7
		5 G2.232.5060.7
		6 G2.232.6060.7
		7 G2.232.7060.7
		8 G2.232.8060.7

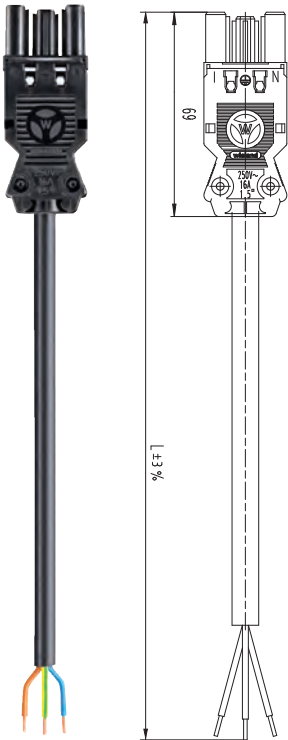




Pre-assembled cables, 3-pole

1.5 mm<sup>2</sup>

Rated voltage:	250 V	Cable material, RZ1 0.6/1kV 3G1.5:	halogen free
Rated current:	16 A	Sheath strip length:	37 mm
Rated impulse voltage:	4 kV	Wire stripping length:	9 mm
Degree of protection (IP):	IP20, IP40 when plugged	The use of a locking device is mandatory.	
		Locking device for flying leads: see Accessories GST18	



⊕ = GN/YE  
N = BU  
L = BN

Connection cables female – free end  
Wire ends ultrasonically welded

RZ1 0.6/1kV 3G1.5  
halogen free  
Part No.

Length m

Cable color:	■ black	1	■ black	G2.232.1063.1
Color of coding:	■ black	2	■ black	G2.232.2063.1
Pole marking:	N, PE, L	3	■ black	G2.232.3063.1
Application:		4	■ black	G2.232.4063.1
		5	■ black	G2.232.5063.1
		6	■ black	G2.232.6063.1
		7	■ black	G2.232.7063.1
		8	■ black	G2.232.8063.1

Cable color:	□ white	1	□ white	G2.232.1063.2
Color of coding:	□ white	2	□ white	G2.232.2063.2
Pole marking:	N, PE, L	3	□ white	G2.232.3063.2
Application:		4	□ white	G2.232.4063.2
		5	□ white	G2.232.5063.2
		6	□ white	G2.232.6063.2
		7	□ white	G2.232.7063.2
		8	□ white	G2.232.8063.2

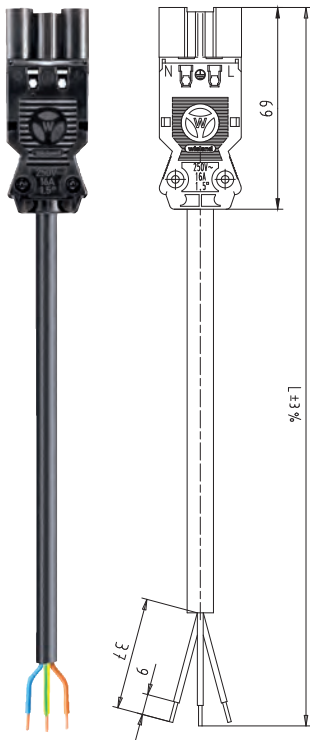
Cable color:	■ black	1	■ green	G2.232.1063.7
Color of coding:	■ black	2	■ green	G2.232.2063.7
Pole marking:	N, PE, L	3	■ green	G2.232.3063.7
Application:		4	■ green	G2.232.4063.7
		5	■ green	G2.232.5063.7
		6	■ green	G2.232.6063.7
		7	■ green	G2.232.7063.7
		8	■ green	G2.232.8063.7



Pre-assembled cables, 3-pole

1.5 mm<sup>2</sup>

Rated voltage:	250 V	Cable material, RZ1 0.6/1kV 3G1.5:	halogen free
Rated current:	16 A	Sheath strip length:	37 mm
Rated impulse voltage:	4 kV	Wire stripping length:	9 mm
Degree of protection (IP):	IP20, IP40 when plugged	The use of a locking device is mandatory.	
		Locking device for flying leads: see Accessories GST18	



⊕ = GN/YE  
N = BU  
L = BN

Connection cable male – free end  
Wire ends ultrasonically welded

RZ1 0.6/1kV 3G1.5  
halogen free  
Part No.

Length m

Cable color:	■ black	1	■ black	G2.232.1064.1
Color of coding:	■ black	2	■ black	G2.232.2064.1
Pole marking:	L, PE, N	3	■ black	G2.232.3064.1
Application:		4	■ black	G2.232.4064.1
		5	■ black	G2.232.5064.1
		6	■ black	G2.232.6064.1
		7	■ black	G2.232.7064.1
		8	■ black	G2.232.8064.1

Cable color:	□ white	1	□ white	G2.232.1064.2
Color of coding:	□ white	2	□ white	G2.232.2064.2
Pole marking:	L, PE, N	3	□ white	G2.232.3064.2
Application:		4	□ white	G2.232.4064.2
		5	□ white	G2.232.5064.2
		6	□ white	G2.232.6064.2
		7	□ white	G2.232.7064.2
		8	□ white	G2.232.8064.2

Cable color:	■ black	1	■ green	G2.232.1064.7
Color of coding:	■ black	2	■ green	G2.232.2064.7
Pole marking:	L, PE, N	3	■ green	G2.232.3064.7
Application:		4	■ green	G2.232.4064.7
		5	■ green	G2.232.5064.7
		6	■ green	G2.232.6064.7
		7	■ green	G2.232.7064.7
		8	■ green	G2.232.8064.7



Pre-assembled cables, 3-pole

**2.5 mm<sup>2</sup>**

Rated voltage: 250 V

Rated current: 20 A

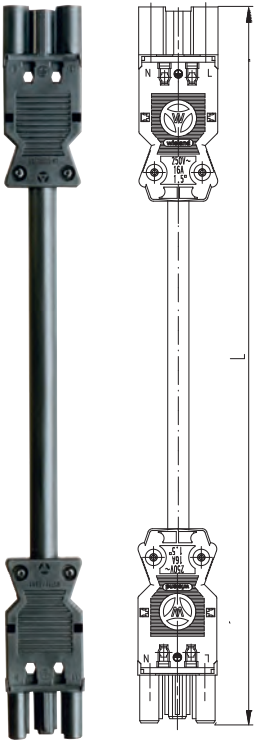
Rated impulse voltage: 4 kV

Degree of protection (IP): IP20, IP40 when plugged

Cable material, RZ1 0.6/1kV 3G2.5: halogen free

The use of a locking device is mandatory.

Locking device for flying leads: see Accessories GST18



⊕ = GN/YE  
N = BU  
L = BN

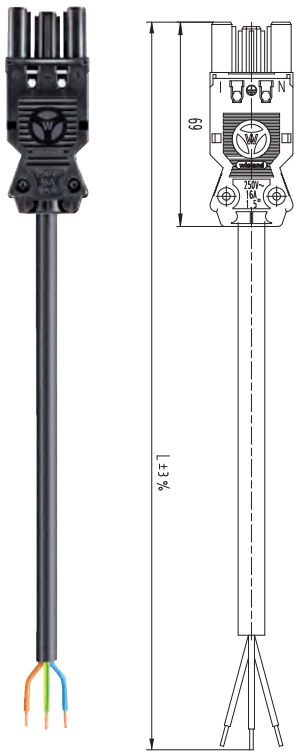
Connecting cables female – male

		RZ1 0.6/1kV 3G2.5	
		halogen free	
		Length m	Part No.
Cable color: Color of coding: Pole marking: Application:	■ black L, PE, N	1	■ black G2.238.1060.1
		2	G2.238.2060.1
		3	G2.238.3060.1
		4	G2.238.4060.1
		5	G2.238.5060.1
		6	G2.238.6060.1
		7	G2.238.7060.1
		8	G2.238.8060.1
Cable color: Color of coding: Pole marking: Application:	□ white L, PE, N	1	□ white G2.238.1060.2
		2	G2.238.2060.2
		3	G2.238.3060.2
		4	G2.238.4060.2
		5	G2.238.5060.2
		6	G2.238.6060.2
		7	G2.238.7060.2
		8	G2.238.8060.2
Cable color: Color of coding: Pole marking: Application:	■ black L, PE, N	1	■ green G2.238.1060.7
		2	G2.238.2060.7
		3	G2.238.3060.7
		4	G2.238.4060.7
		5	G2.238.5060.7
		6	G2.238.6060.7
		7	G2.238.7060.7
		8	G2.238.8060.7



Pre-assembled cables, 3-pole, 2.5 mm<sup>2</sup>

2.5 mm <sup>2</sup>			
Rated voltage:	250 V	Cable material, RZ1 0.6/1kV 3G2.5:	halogen free
Rated current:	20 A	Sheath strip length:	37 mm
Rated impulse voltage:	4 kV	Wire stripping length:	9 mm
Degree of protection (IP):	IP20, IP40 when plugged	The use of a locking device is mandatory.	
		Locking device for flying leads: see Accessories GST18	



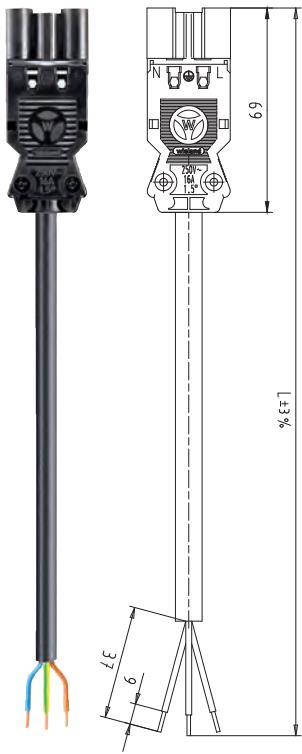
Connection cables female – free end  
Wire ends ultrasonically welded

		RZ1 0.6/1kV 3G2.5 halogen free	
		Length m	Part No.
Cable color: Color of coding: Pole marking: Application:	■ black N, PE, L	1	■ black G2.238.1063.1
		2	G2.238.2063.1
		3	G2.238.3063.1
		4	G2.238.4063.1
		5	G2.238.5063.1
		6	G2.238.6063.1
		7	G2.238.7063.1
		8	G2.238.8063.1
Cable color: Color of coding: Pole marking: Application:	□ white N, PE, L	1	□ white G2.238.1063.2
		2	G2.238.2063.2
		3	G2.238.3063.2
		4	G2.238.4063.2
		5	G2.238.5063.2
		6	G2.238.6063.2
		7	G2.238.7063.2
		8	G2.238.8063.2
Cable color: Color of coding: Pole marking: Application:	■ black N, PE, L	1	■ green G2.238.1063.7
		2	G2.238.2063.7
		3	G2.238.3063.7
		4	G2.238.4063.7
		5	G2.238.5063.7
		6	G2.238.6063.7
		7	G2.238.7063.7
		8	G2.238.8063.7



Pre-assembled cables, 3-pole, 2.5 mm<sup>2</sup>

2.5 mm <sup>2</sup>			
Rated voltage:	250 V	Cable material, RZ1 0.6/1kV 3G2.5:	halogen free
Rated current:	20 A	Sheath strip length:	37 mm
Rated impulse voltage:	4 kV	Wire stripping length:	9 mm
Degree of protection (IP):	IP20, IP40 when plugged	The use of a locking device is mandatory.	
		Locking device for flying leads: see Accessories GST18	

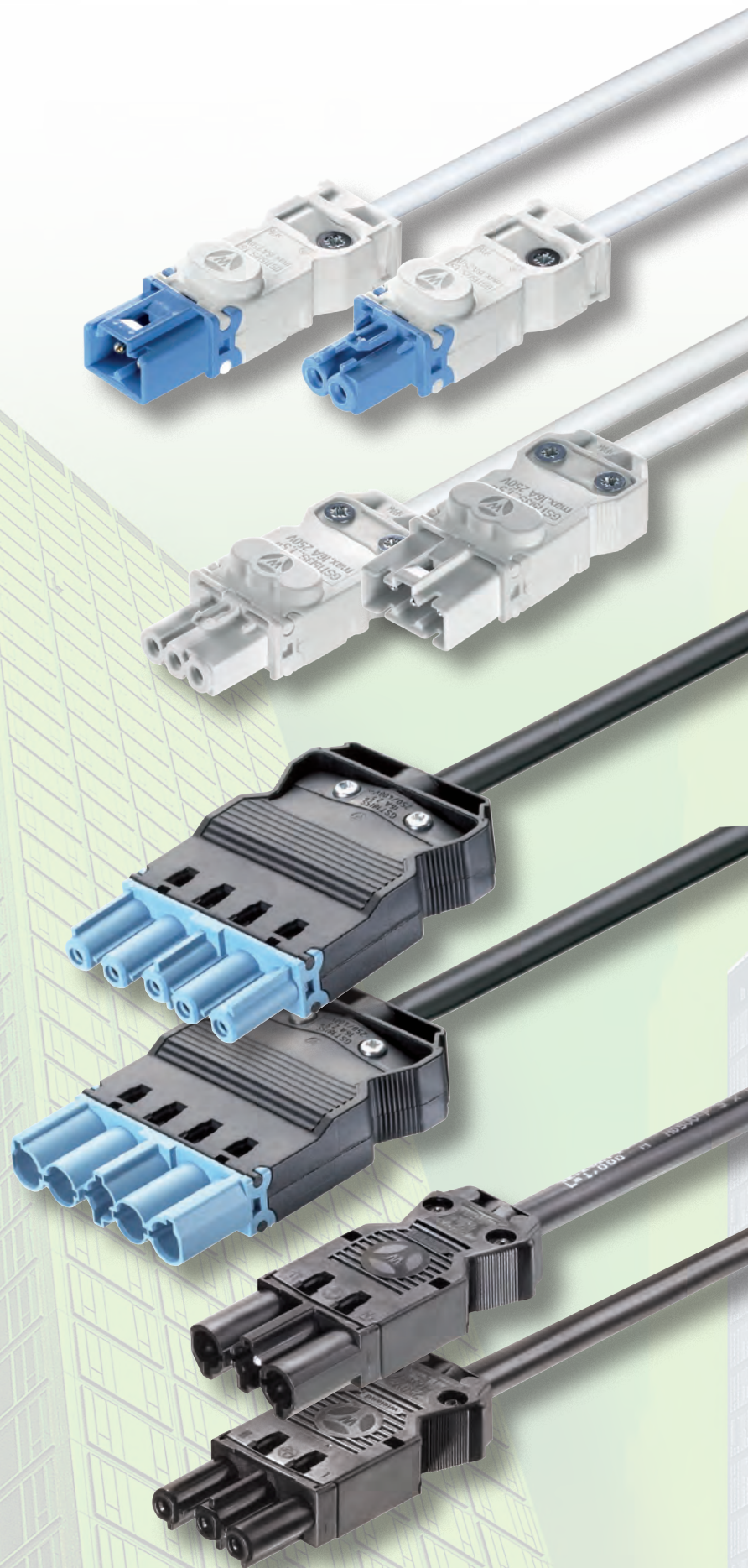


Connection cable male – free end  
Wire ends ultrasonically welded

		RZ1 0.6/1kV 3G2.5 halogen free	
		Length m	Part No.
Cable color: Color of coding: Pole marking: Application:	■ black L, PE, N	1	■ black G2.238.1064.1
		2	G2.238.2064.1
		3	G2.238.3064.1
		4	G2.238.4064.1
		5	G2.238.5064.1
		6	G2.238.6064.1
		7	G2.238.7064.1
		8	G2.238.8064.1
Cable color: Color of coding: Pole marking: Application:	□ white L, PE, N	1	□ white G2.238.1064.2
		2	G2.238.2064.2
		3	G2.238.3064.2
		4	G2.238.4064.2
		5	G2.238.5064.2
		6	G2.238.6064.2
		7	G2.238.7064.2
		8	G2.238.8064.2
Cable color: Color of coding: Pole marking: Application:	■ black L, PE, N	1	■ green G2.238.1064.7
		2	G2.238.2064.7
		3	G2.238.3064.7
		4	G2.238.4064.7
		5	G2.238.5064.7
		6	G2.238.6064.7
		7	G2.238.7064.7
		8	G2.238.8064.7









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<b>Installation instructions</b>	
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<b>Switching distributor</b>	<b>202</b>
<b>gesis<sup>®</sup>MINI</b>	<b>204</b>
<b>gesis<sup>®</sup>NRG</b>	<b>207</b>
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<b>gesis<sup>®</sup>MICRO</b>	<b>218</b>
<b>gesis<sup>®</sup>NV</b>	<b>220</b>
<b>gesis<sup>®</sup>NRG</b>	<b>224</b>



## Definition of our numerical code

### A logical structure makes ordering easy

Our numerical code saves time and effort when ordering our cables. Your needs can be compiled quickly and efficiently, particularly in our eShop, but also using conventional means. The way it works is simple and refers to our part numbers, which have a consistent structure. Your product can be ordered in just a few steps.

**Example: 92.232.3000.1**, mains cable 3 G 1.5 mm<sup>2</sup>, length 3.0 m, cable PVC H05VV configuration male – female, code 1 (mains black)

		92.	232.	30	0	0.	1
<b>Connector system</b>	<b>gesis</b> MINI (GST15)	91.					
	<b>gesis</b> CON (GST18)	92.					
	<b>gesis</b> CON (BST)	94.					
<b>Cable type and diameter</b>		<b>in connector system</b>					
Mains cable 4 G	1.5 mm <sup>2</sup>	GST15i4, 18i4	207.				
Mains cable 4 G	2.5mm <sup>2</sup>	GST18i4	208.				
Mains cable 2 x	1.5 mm <sup>2</sup>	GST15i2	222.				
Mains cable 3 G	1.5 mm <sup>2</sup>	GST15i3, 18i3	232.				
Mains cable 3 G	2.5mm <sup>2</sup>	GST18i3	238.				
Mains cable 5 G	1.5 mm <sup>2</sup>	GST15i5, 18i5	257.				
Mains cable 5 G	2.5mm <sup>2</sup>	GST18i5	258.				
Bus cable 2x	0.5 mm <sup>2</sup>	BST14i2	425.				
Bus cable 2x2	0.8 mm <sup>2</sup>	BST14i3	435.				
<b>Length</b>							
Length incl. female / male connector up to 10 m in dm (example: 3.0 m = 30 dm)				30			
<b>Cable material</b>		<b>in connector system</b>					
H05VV-F (PVC)	GST			0			
H05V2V2 (PVC, 90 °C continuous temperature)	GST			1			
H07 RN-F (rubber)	GST			3			
H05Z1Z1-F (halogen-free)	GST			6			
<b>Pre-assembly</b>							
Extension	Male – female			0.			
Extension	Male – female screen to PE			2.			
Connection cable	Female – free end			3.			
Connection cable	Male – free end			4.			
Connection cable	Female – free end screen to PE			5.			
Connection cable	Male – free end screen to PE			6.			
Feed cable	Earth contact plug – female			7.			
Adapter cable	Female – male			9.			
<b>Colors and codings male – female</b>		<b>in connector system</b>					
tomato red	GST18i3 ...i5			0			
black	GST18i3 ...i5, GST15i2...i5			1			
white	GST18i3 ...i5, GST15i2...i5			2			
pebble gray	GST18i3 ...i4, GST15i2			3			
brown	GST18i3, GST15i3			4			
salmon red	GST18i3			5			
light blue	GST15i2			6			
may green	GST18i3 ...i5			7			
turquoise	GST18i3 ...i5			8			
pastel blue	BST14i2, GST18i5, GST15i2...i5			9			

		90.	200.	10	2	4.	2
<b>Connector system</b>		<b>gesis</b> MICRO (GST08)	90.				
<b>Cable type and diameter / coding</b>							
Mains cable 2 G	0.75 mm <sup>2</sup> / blue			200.			
Mains cable 2 G	0.75 mm <sup>2</sup> / green			210.			
Mains cable 2 G	0.5 mm <sup>2</sup> / green			215.			
Mains cable 2 G	0.75 mm <sup>2</sup> / yellow			220.			
Mains cable 2 G	0.75 mm <sup>2</sup> / white			230.			
Mains cable 3 G	0.75 mm <sup>2</sup> / white			240.			
<b>Length</b>							
Length incl. female/male connector up to 10m in dm (example: 1.0 m = 10 dm)				10			
<b>Cable material</b>							
H03VV-F	PVC			0			
H03VVH2-F	PVC			1			
H03V2V2H2-F	PVC (90° continuous temperature)			2			
LIYZ	PVC			3			
H03Z1Z1H2-F	halogen-free			4			
<b>Pre-assembly</b>							
Extension	Female - male			0.			
Feed	Female - free end			3.			
Feed	Male - free end			4.			
Adapter cable	Female - male GST15			5.			
Extension	Male - distributor			6.			
Feed	Free end - distributor			7.			
<b>Cable color</b>							
black				1			
white				2			



## Cable cross sections / AWG

The approximated relationship between cable cross sections in mm<sup>2</sup> and AWG sizes is defined as follows:

AWG	Cross section mm <sup>2</sup>	Metric equivalent mm <sup>2</sup>
22	0.32	0.34
20	0.52	0.75
18	0.82	1.0
16	1.31	1.5
14	2.08	2.5
12	3.31	4.0
10	5.26	6.0
8	8.37	10.0
6	13.3	16.0

## Non-SELV systems:

When laying supply and signal cables together, the highest occurring supply voltage must be coordinated (250 V, as a rule). Examples include SMI, Touch DIM, and DALI. There must be no possible confusion with SELV and PELV.

## SELV/PELV systems:

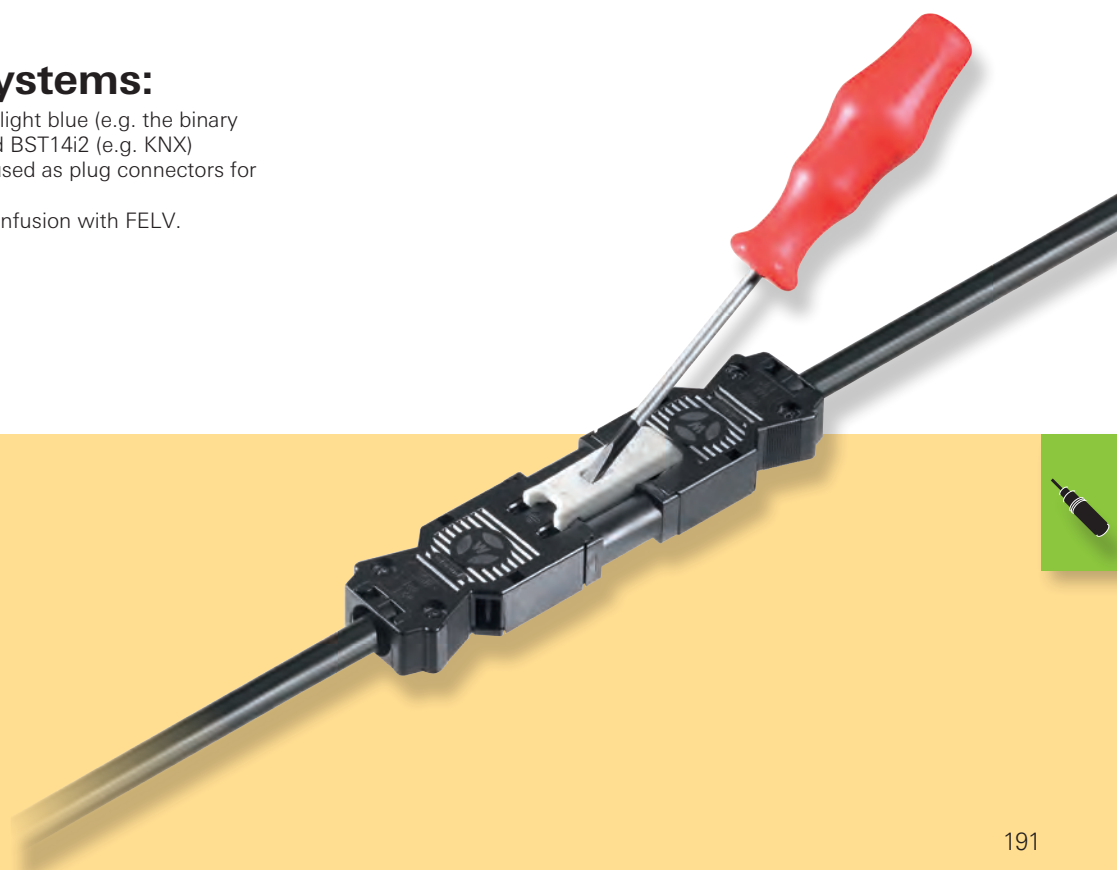
The GST18 light blue, GST15 light blue (e.g. the binary inputs of the **gesis**<sup>®</sup>FLEX), and BST14i2 (e.g. KNX) connector systems must be used as plug connectors for SELV/PELV systems. There must be no possible confusion with FELV.

## Overview of wire colors (cable assemblies)

Brown coding: Sheath strip length open end: 100 mm  
Insulation strip length open end: 12 mm

Other codings: Sheath strip length open end: 37 mm  
Insulation strip length open end: 9 mm

GST15i2 / GST08i2	
Standard	N=blue, L=brown
Special variant pastel blue coding	D2=blue, D1=brown
GST18i3 / GST15i3 / GST08i3	
Standard	PE=green/yellow, N=blue, L=brown
Special variant brown coding	1=black, 2/N=gray, 3/L=brown
GST18i4 / GST15i4	
Standard	PE=green/yellow, N=blue, 1=brown, 2=black
GST18i5 / GST15i5	
Standard	PE=green/yellow, N=blue, 1=brown, 2=black, 3=gray
Special variant pastel blue coding	PE=green/yellow, N=blue, L=brown, D2=black, D1=gray
GST18i6	
Standard	PE=green/yellow, N=blue, L=brown, L'=black, D1=red, D2=white



## Safety instructions

The use of identical codings with different labeling and/or color marking is permissible provided that there is absolutely no possibility of any dangerous connection between female and male connectors.

The installer / planner must ensure and assume responsibility for ensuring that there can be no mix-up resulting in a dangerous situation. One way of achieving this, with different voltage levels, is through physical separation during the on-site installation.

Corresponding warnings are required in the technical documentation. These must include examples of possible errors and their consequences.

### **Safety instructions:**

**Please note that if male and female connectors are connected wrongly, dangerous situations such as**

- **voltage transfer**
  - **risk of electric shock**
  - **destruction of equipment**
- may occur as a result.**

### **Always observe the following:**

The erection, extension, and modification of electrical installations may only be carried out by qualified electricians. GST18 installation connectors to IEC 61535 are intended for installation by instructed or skilled persons. Applicable installation instructions as well as accident prevention and safety regulations must be observed.

### **Rules to be observed during installation:**

Each color of a GST18 plug connector stands for a specific mechanical coding. Only female and male connectors with the same color can be mated. The only exception to this rule are black/white or gray/tomato red plug connectors, which have the same coding. In accordance with the installation manual, interlocking devices must always be used. These devices are integrated into GST18 distributors and snap-in connectors. In cable assemblies with flying leads, soldered parts, or flat cable adapters, interlocks have to be retrofitted manually (see Accessories). The interlocking device must click audibly into place.

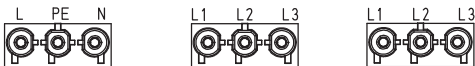
Connection and termination points, as well as plug-in connections of cables/conductors, must be provided with mechanical strain relief as per VDE 0100-520. Never use force to plug or unplug gesis connectors. To open interlocking devices, use a tool such as a screwdriver; the connectors can now be unplugged easily.

Never connect or disconnect GST18 connectors under load. Do not use third-party components. Only combinations of Wieland products are covered by the warranty.



## Safety instructions

### Not permitted:



### Permitted:

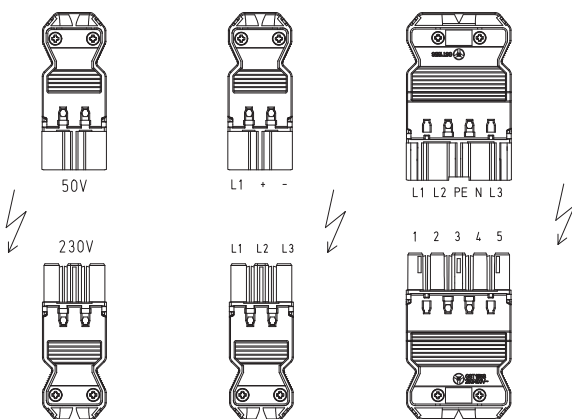
230V



50V

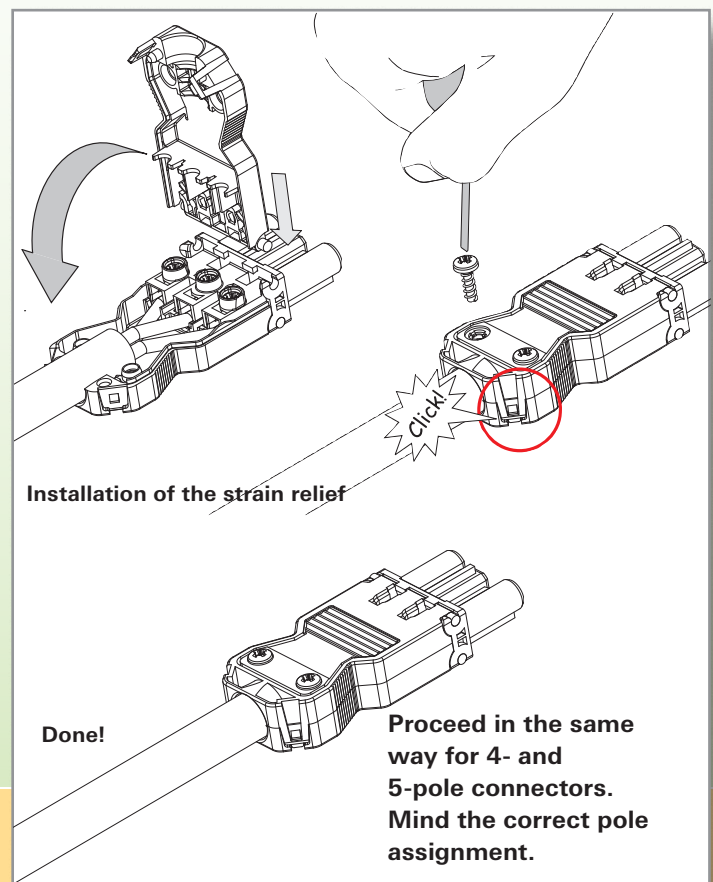
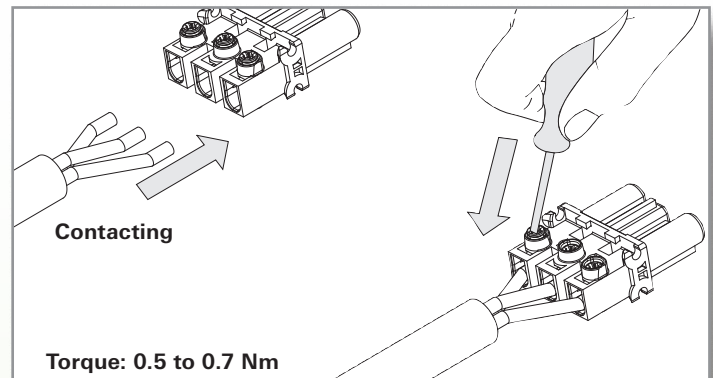


### Not permitted:



## GST18i3...i6 connector installation instructions.

### Plug connector with screw connection



## GST18i3...i6 connector installation instructions.

### Plug connector with screw connection

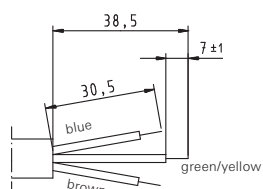
#### Preparing the conductors

All dimensions in mm.

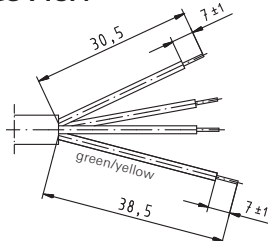
Solid or fine-stranded 0.75 – 2.5 mm<sup>2</sup> wires, high strain relief for up to 4 mm<sup>2</sup>, without ferrule

#### Low strain relief

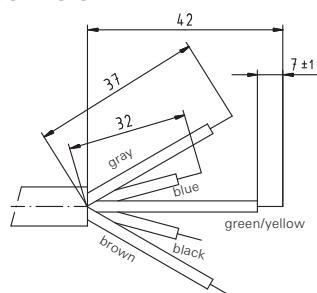
**GST18i3**



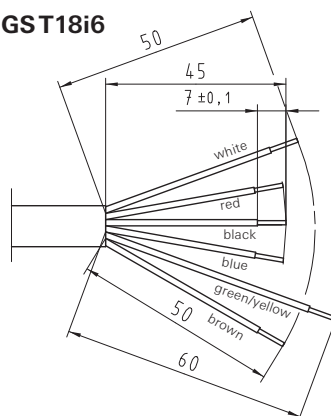
**GST18i4**



**GST18i5**

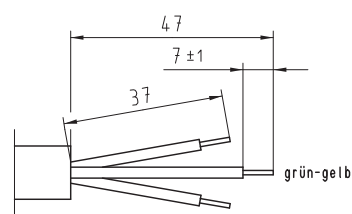


**GST18i6**

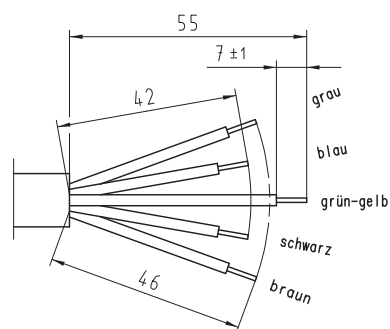


#### High strain relief

**GST18i3**



**GST18i5**



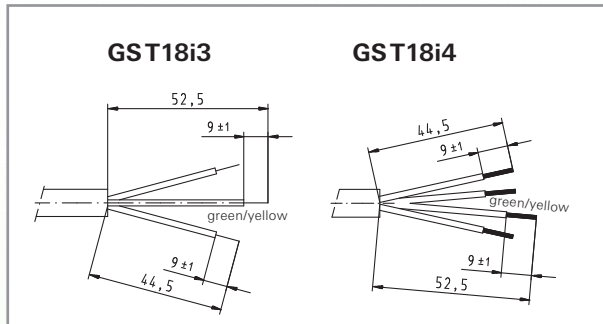


## Spring-loaded plug connectors One cable

**Preparing the conductors**, all dimensions in mm.

Solid 1.5 – 2.5 mm<sup>2</sup> wires

Fine-stranded 1.5 mm<sup>2</sup> wires with ferrule

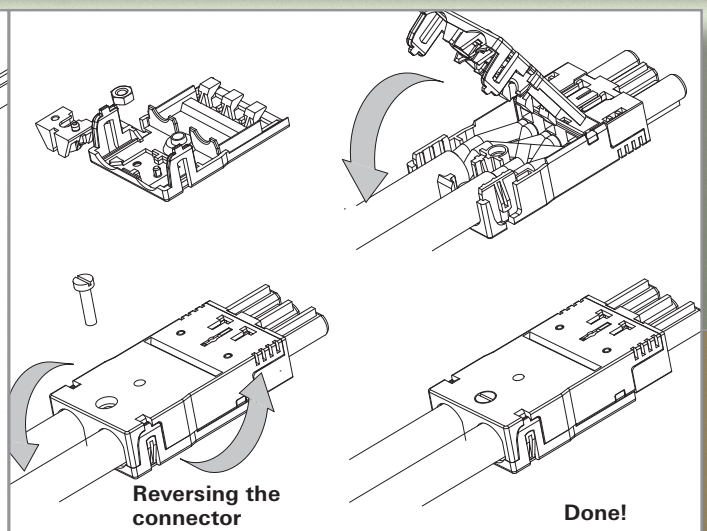
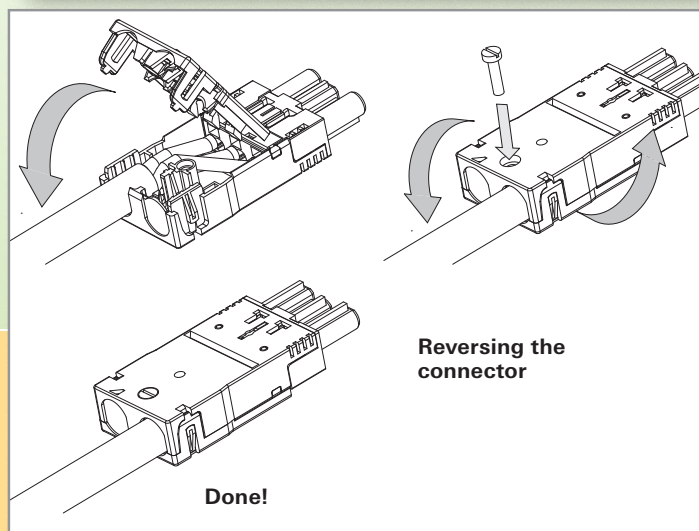
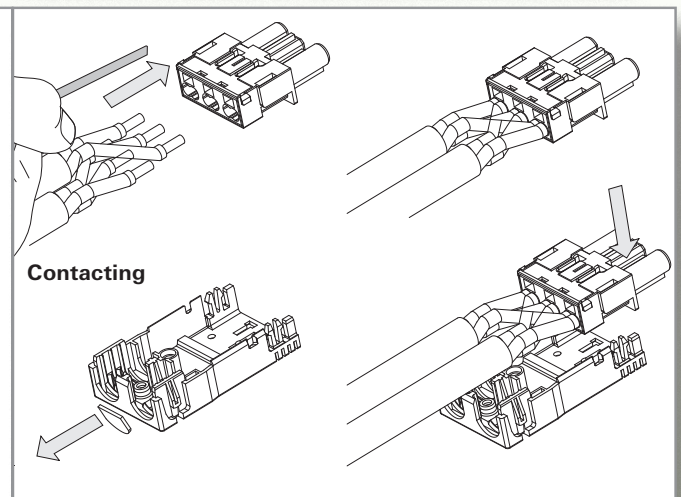
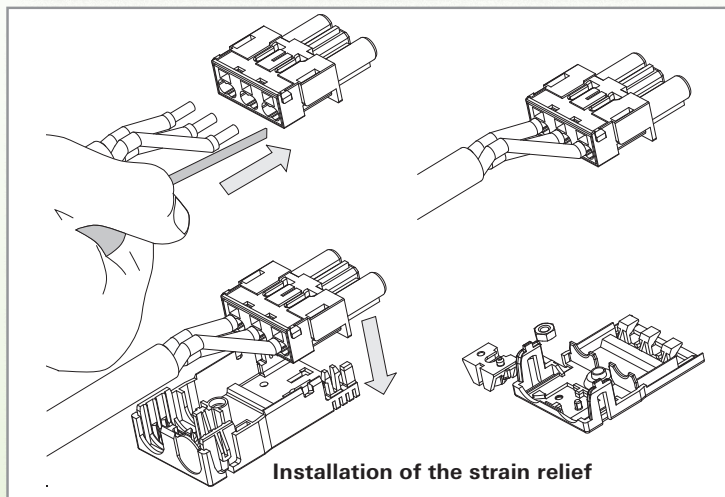
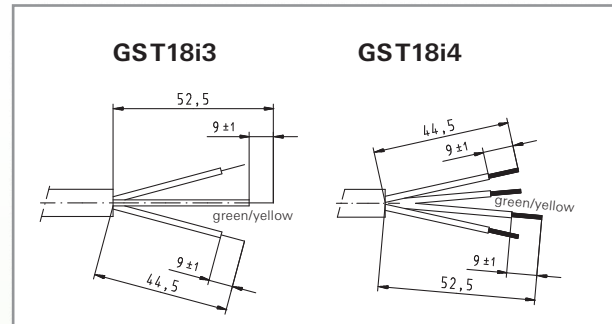


## Spring-loaded plug connectors Two cables

**Preparing the conductors**, all dimensions in mm.

Solid 1.5 – 2.5 mm<sup>2</sup> wires

Fine-stranded 1.5 mm<sup>2</sup> wires with ferrule

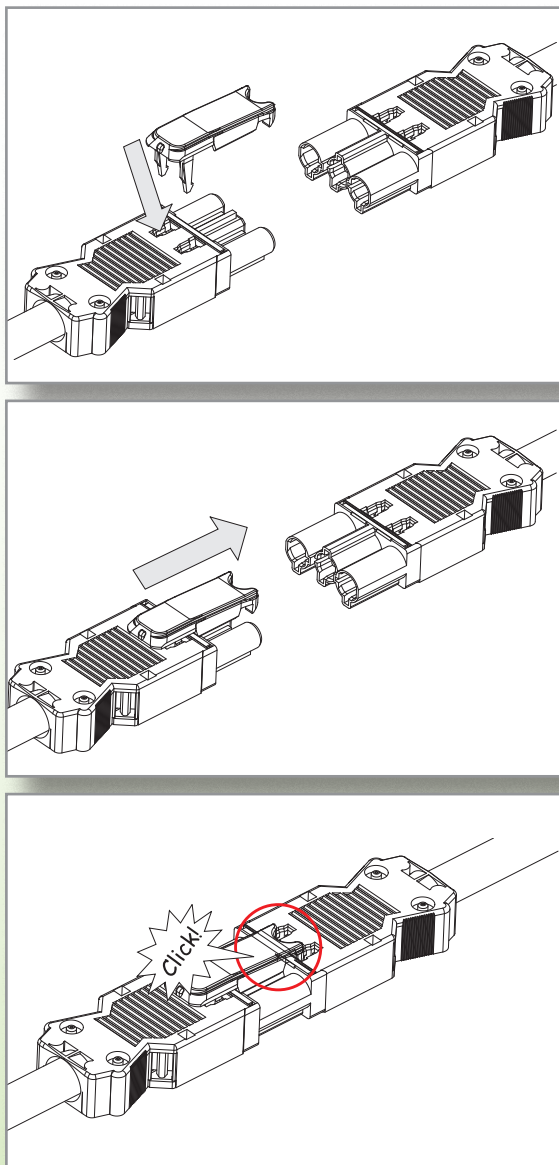


Proceed in the same way for 4-pole connectors.  
Mind the correct pole assignment.

## GST18i3...i6 installation instructions

### Screw connection / spring-loaded connection interlock

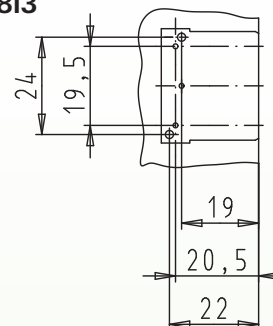
(proceed in the same way for distributors, snap-ins, and soldered parts)



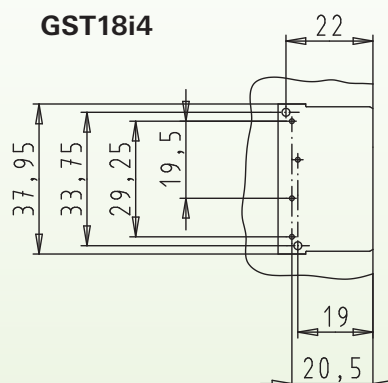
### Soldered parts

### GST 18 drilling plans

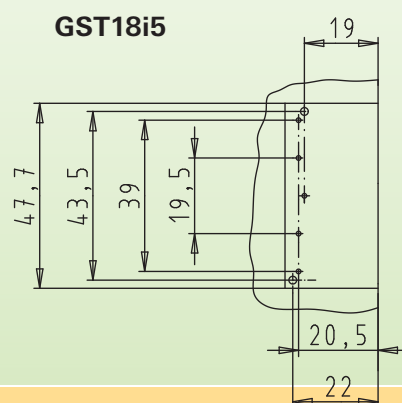
**GST18i3**



**GST18i4**



**GST18i5**



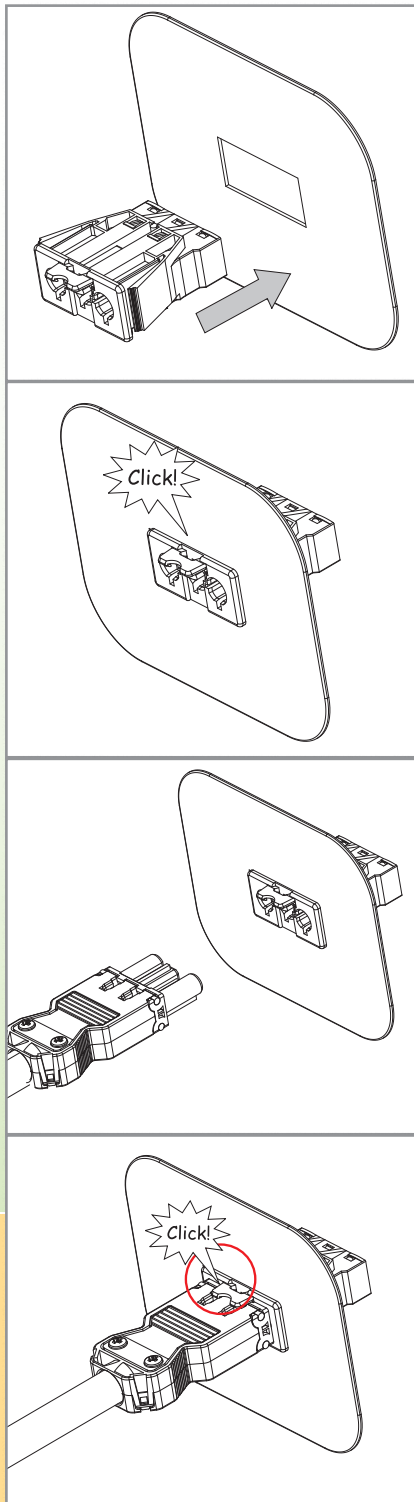
#### Please note:

To release locked flying leads, distributors, snap-ins, device connectors, and soldered parts, raise the interlock using a suitable flat screwdriver and disconnect the connector.

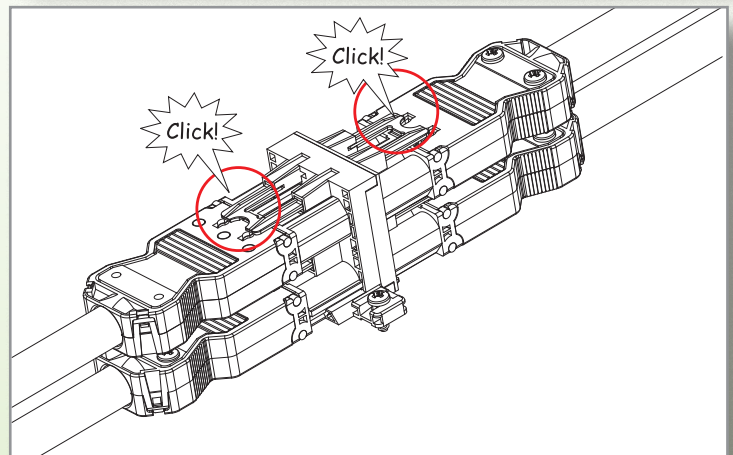
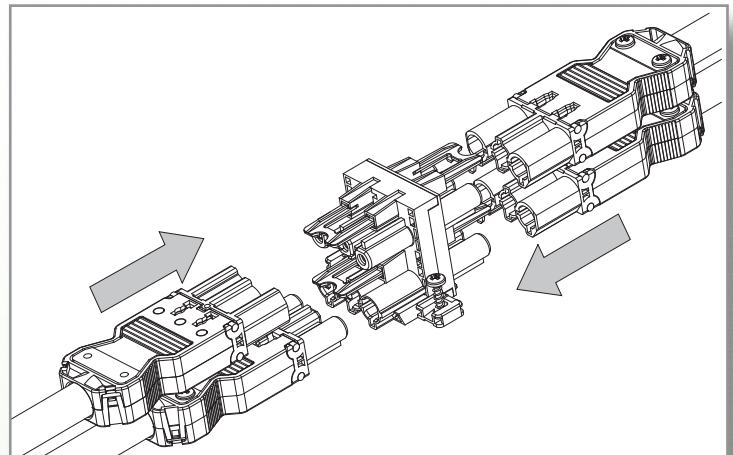
## GST18i3...i6 installation instructions

### Snap-in installation

Insulation strip length 0.5 - 1.5 mm²: 8 mm  
 Insulation strip length 2.5 mm²: 9 mm  
 Identical for device connectors



### Use of distribution blocks



#### Please note:

In h and T distributors, one output each does **not** have an interlocking device.

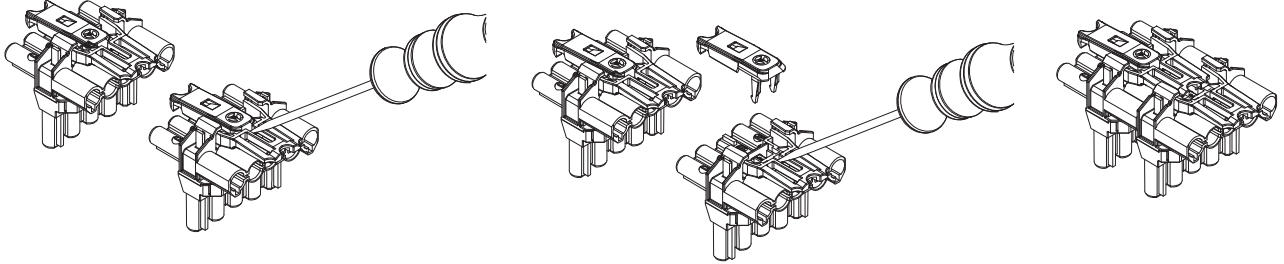
This output is used for plugging directly into device connectors. If you use this output for a cable assembly, for example, a separate interlocking device (accessory) must be used.

**NOTE:** For a plug connector that is not enclosed, protection against electric shocks is provided by the housing of the equipment in which the connector is installed, in accordance with the applicable product safety standard.

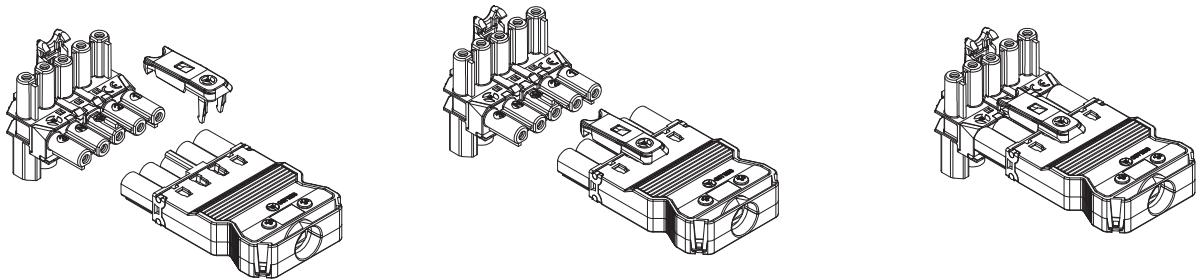


## GST18i3...i6 installation instructions

**Cascading, prior removal of the slidelock, with screwdriver**

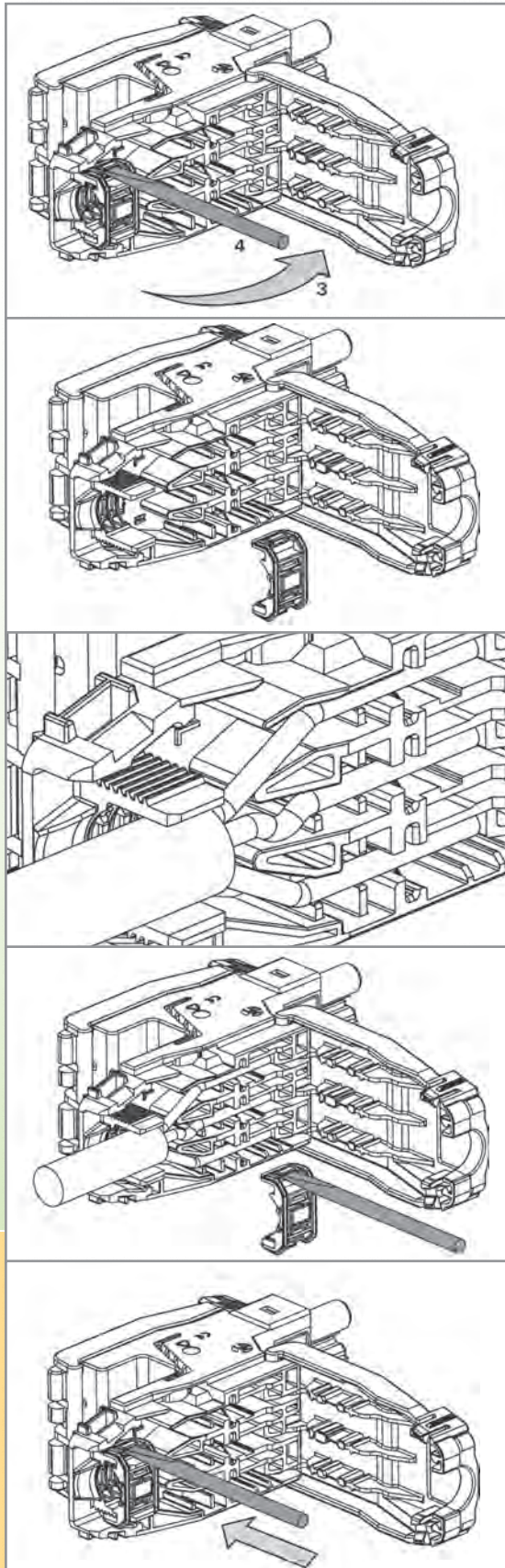


**Use with field connection piece at the lower output, additional slidelock**





# GST18i3 installation instructions IDC adapter assembly instruction



1. Cut cable at the desired point
2. Strip both ends of the cable by 35 mm
3. Open the cover
4. Undo the strain relief using a screwdriver

5. Insert conductors into guide slots  
(mind the correct pole assignment!)

## Detail

6. Insert the strain relief  
Press firmly into place with a screwdriver

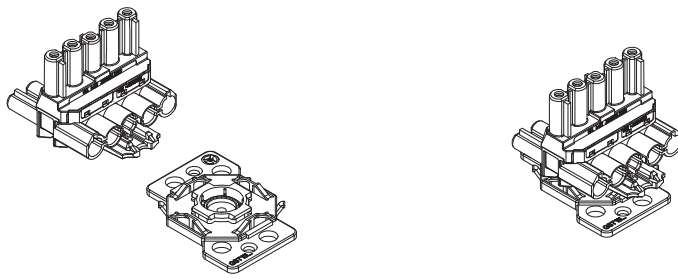


7. Close the cover
8. Repeat the above steps on the back of the adapter
9. Connect the GST 18i3 cable, use the interlocking device

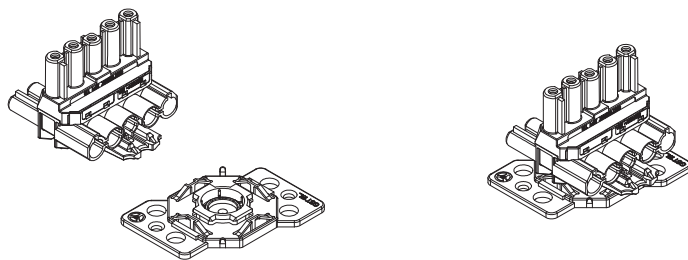
## GST18i5 distribution unit mounting plate

### Mounting plate with screws

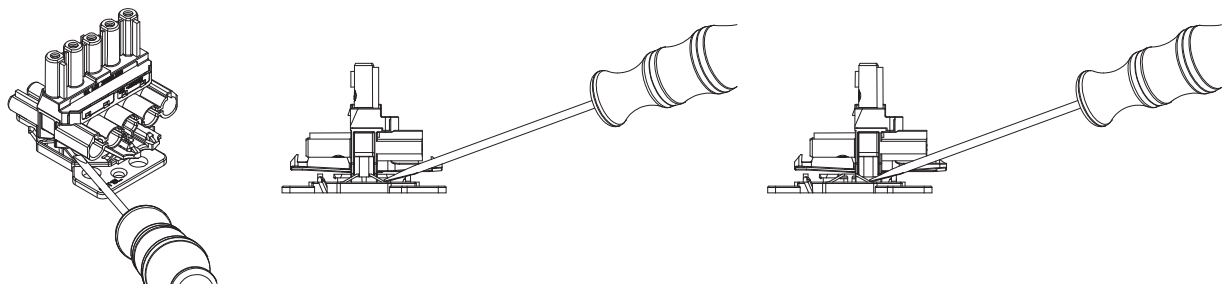
#### Assembly on mounting plate, direction 1



#### Assembly on mounting plate, direction 2

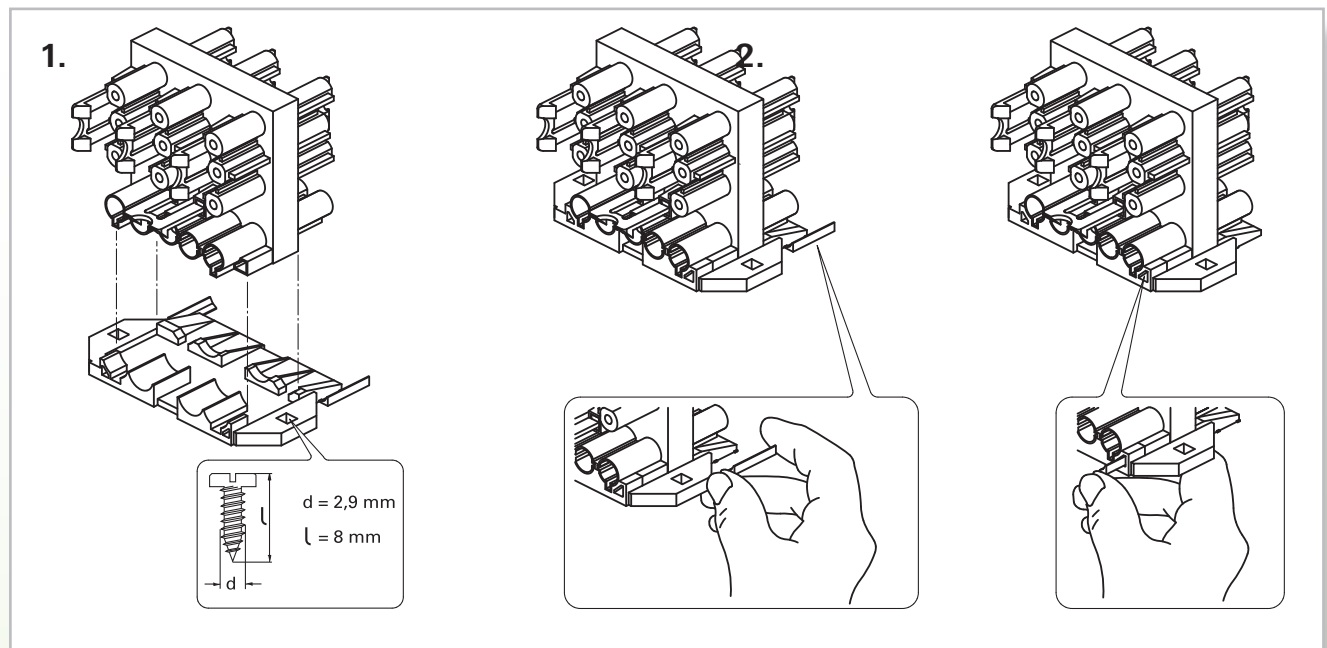


#### Removal from mounting plate, with screwdriver

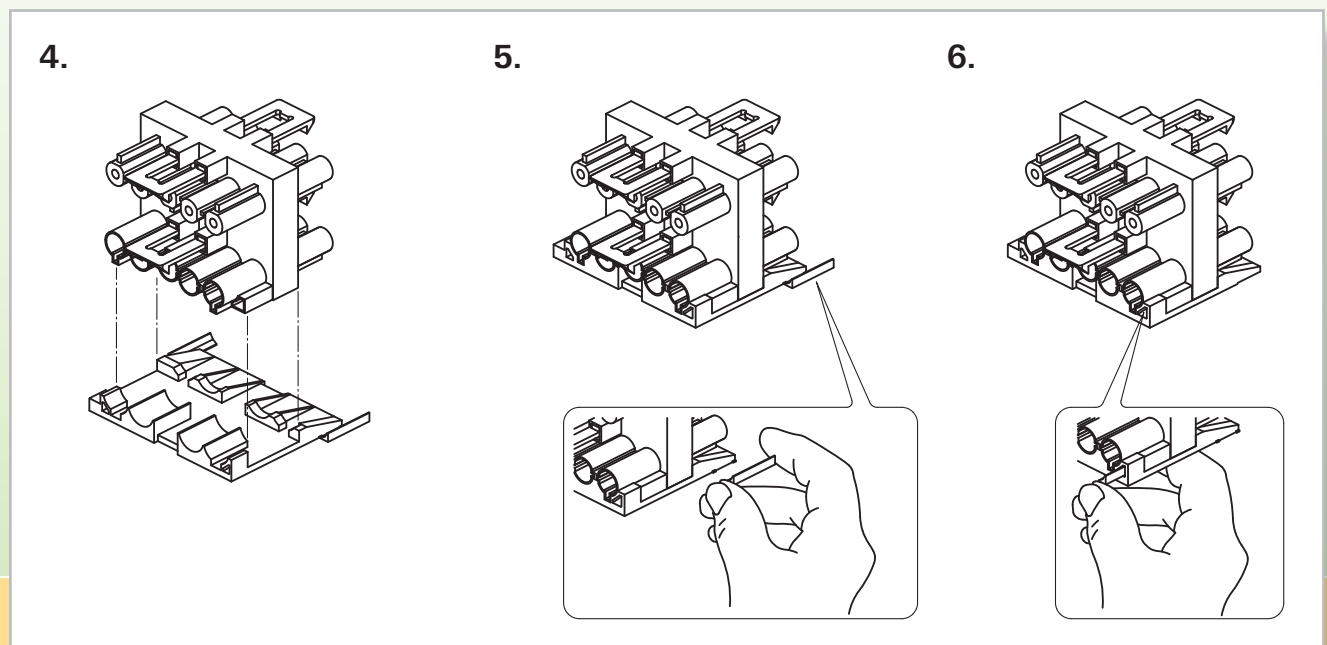


## GST18i5 distribution unit mounting plate

### Mounting plate with screws



### Snap-on mounting plate



#### Mounting plate with screws

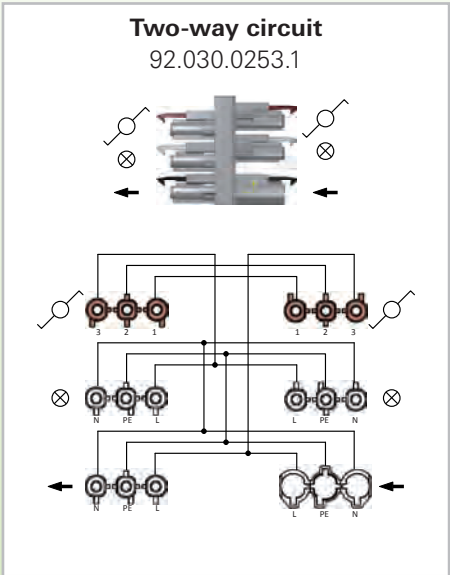
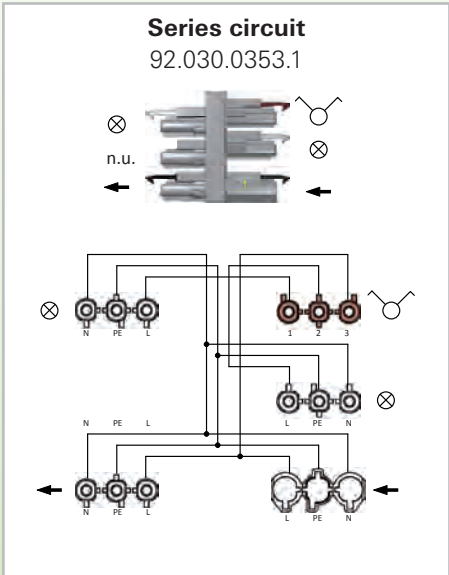
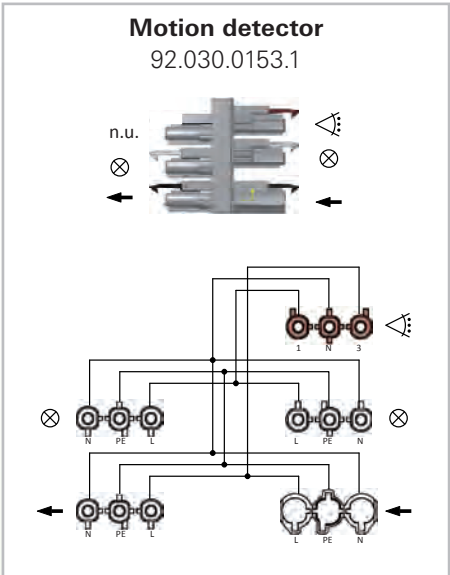
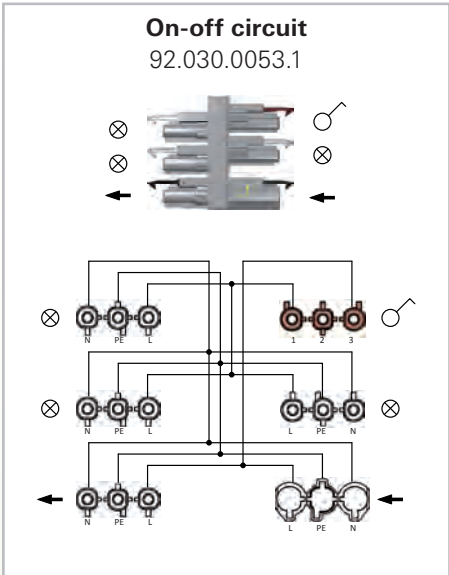
1. Place distributor on mounting plate
2. Break the locking pin off
3. Push the locking pin in

#### Snap-on mounting plate

4. Place distributor on mounting plate
5. Break the locking pin off
6. Push the locking pin in



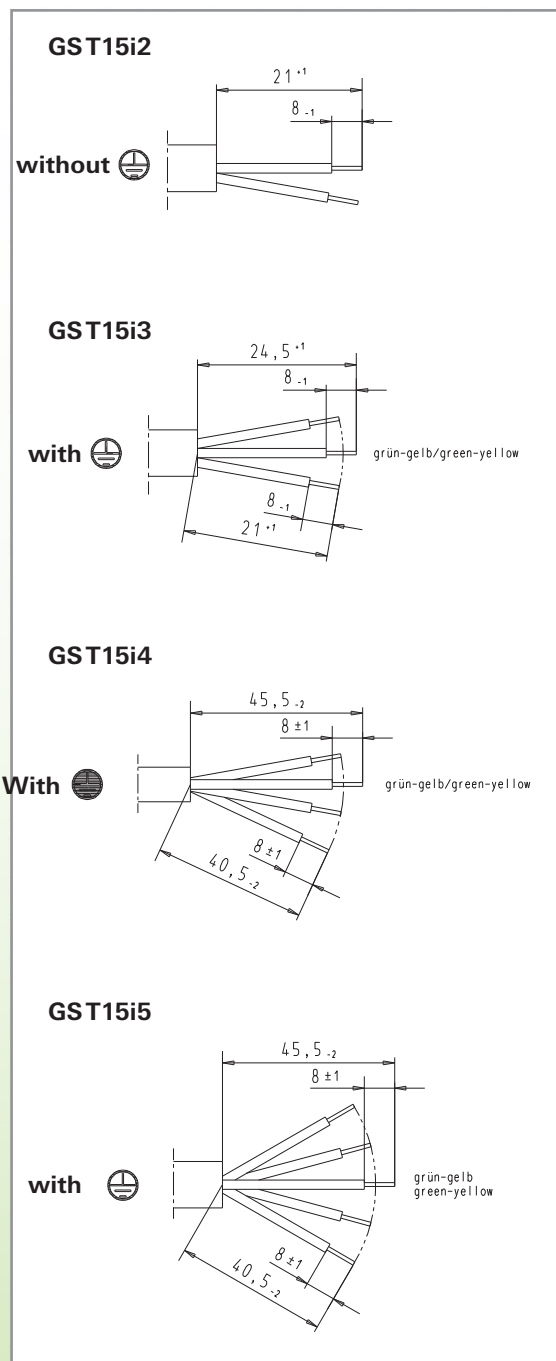
Connection diagrams  
Distributors





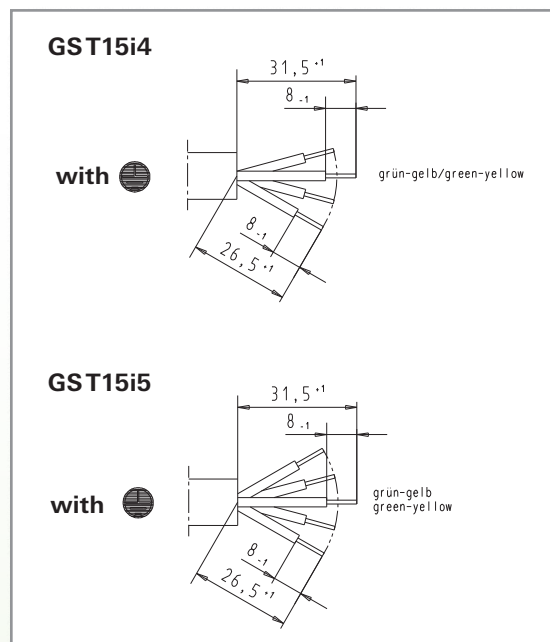
## GST15i2...i5 installation instructions

### Straight design

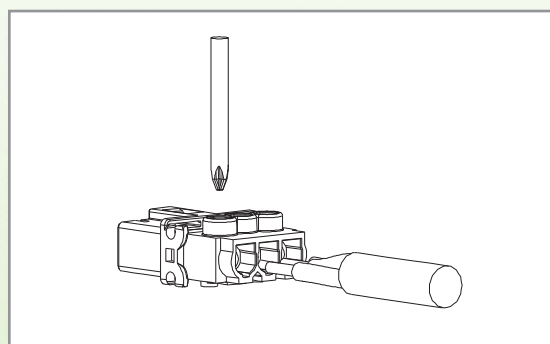


**Solid and fine-stranded connection  
cross sections: 0.5 - 2.5 mm<sup>2</sup>**

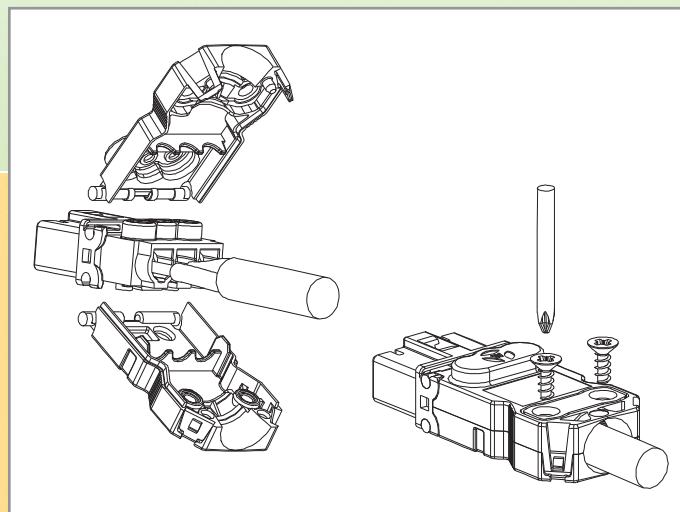
### Angled design



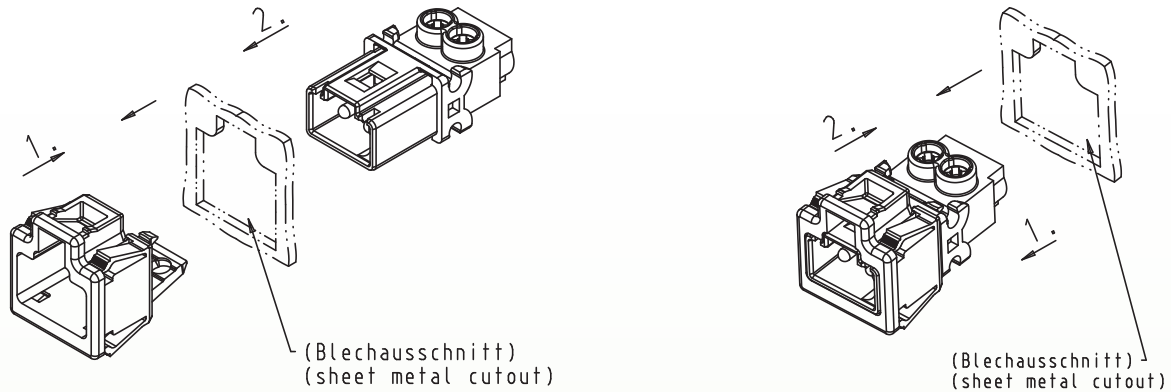
### Insert conductor ends



### Final assembly



## GST15i2...i5 installation instructions – snap-in



### NOTE:

For a plug connector that is not enclosed, protection against electric shocks is provided by the housing of the equipment in which the connector is installed, in accordance with the applicable product safety standard.

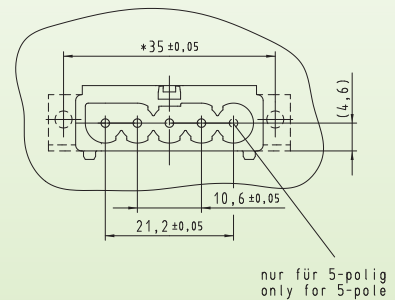
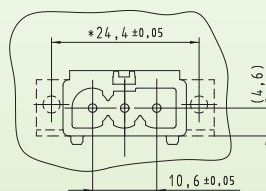
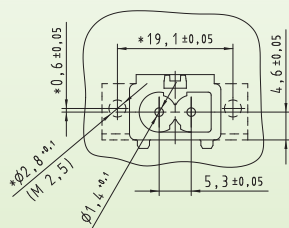
## GST15i2...i5 drilling patterns – soldered parts

### 2-pole

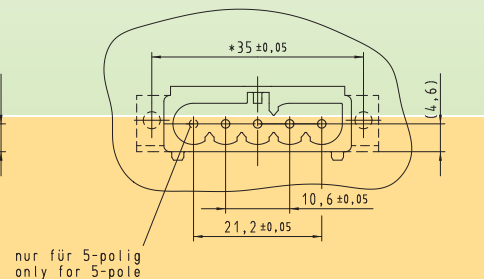
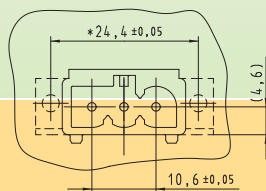
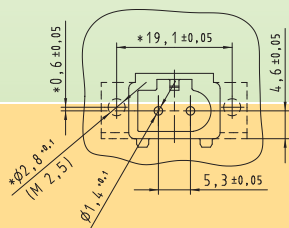
### 3-pole

### 4/5-pole

#### Female connector vertical



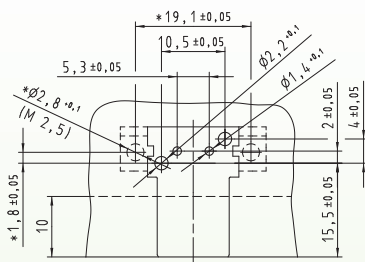
#### Male connector vertical



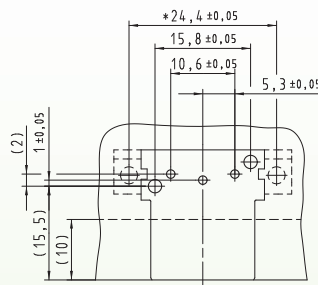
## GST15i2...i5 drilling patterns – soldered parts

### Female connector horizontal

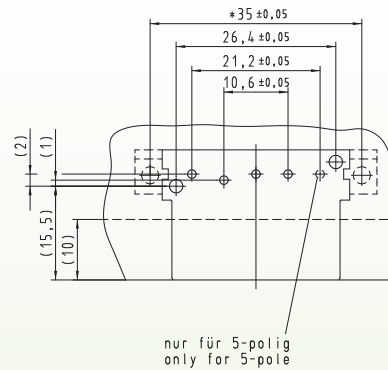
**2-pole**



**3-pole**

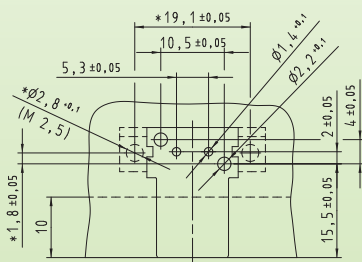


**4/5-pole**

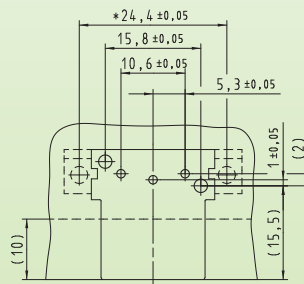


### Male connector horizontal

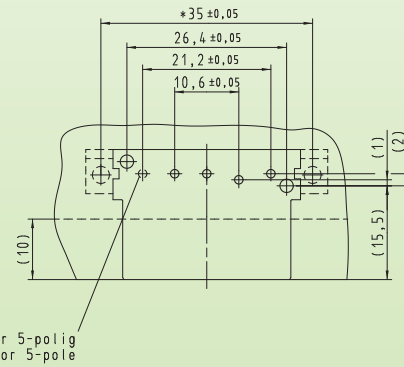
**2-pole**



**3-pole**

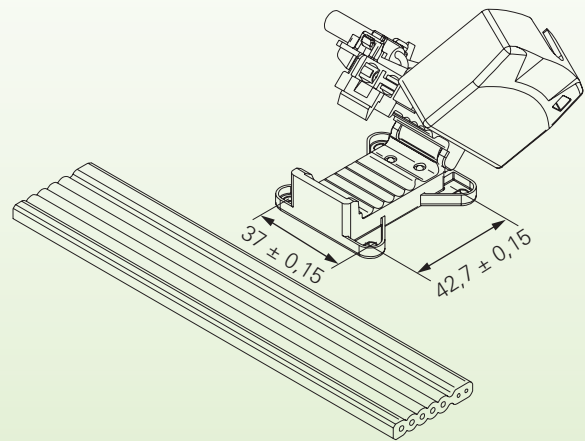
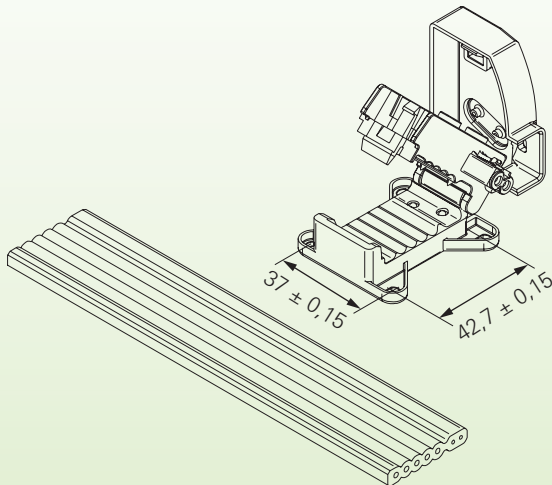
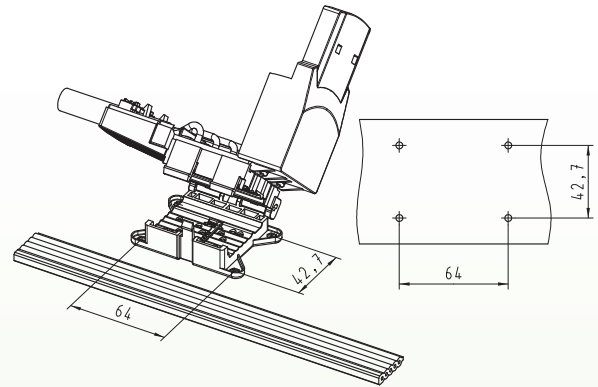
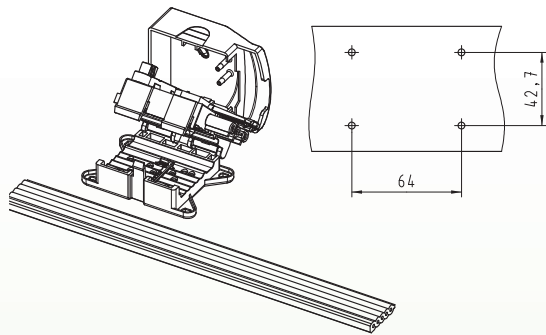


**4/5-pole**



## Installation instructions

### Flat cable system, 5/5+2-pole

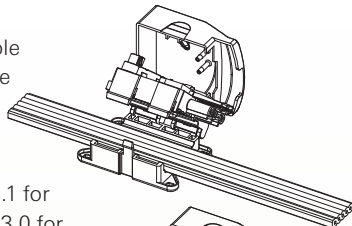


# Installation instructions Flat cable system 5/5+2-pole

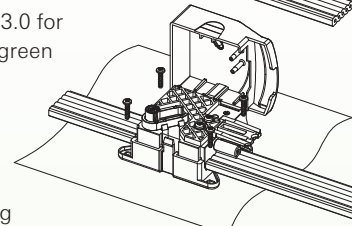
## Installing outputs

using the example of the GST18i3 tap

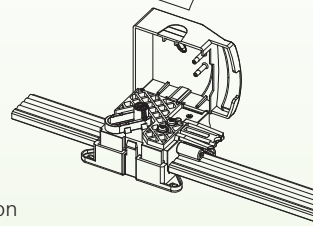
1. Install the flat cable in a suitable cable-routing system. Note the laying direction for the output direction of the connectors. Insert the flat cable into the coded baseplate (92.051.5453.1 for green/black cable, 92.051.5553.0 for blue cable, 93.421.5453.0 for green cable, 91.021.5453.0 for black cable) so that it lies flush.



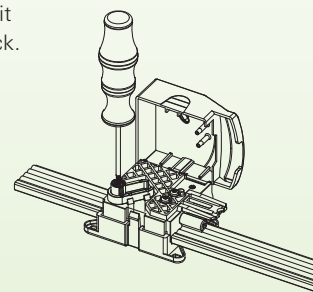
2. If necessary, fasten the baseplate to the desired subsurface using the mounting holes.



3. Close the connection module and engage it with a clearly audible click.

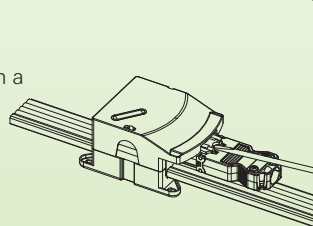


4. GST18i3 only: bring phase selection slider to the desired position until it engages with a clearly audible click.



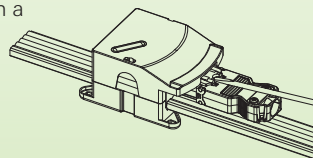
5. Tighten contact screws (0.5 Nm).

6. **Phase change:** (GST18i3 only) Loosen the screw on the phase selection slider until the red ring is flush with the white contact slider. Select the phase again and tighten the screw (0.5 Nm).



7. Close the cover and engage it with a clearly audible click.

**Caution:** The screws are not all correctly tightened if the cover does not completely close!



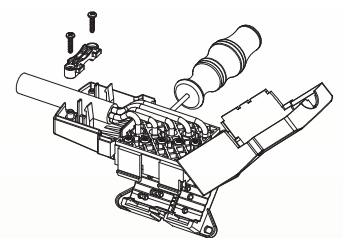
8. Attach GST18i3, GST18i5, GST15i2, BST14 plug connector depending on the adapter and engage it with a clearly audible click.



## Installing feed

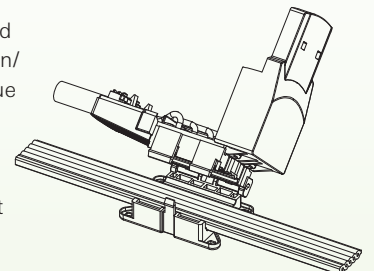
using the example of a 5-pole feed

1. Insert the sheath stripped (PE: 100 mm, L1/D1: 82 mm, N: 72 mm, L2/D2: 62 mm, L3: 56 mm, stripping tool in the lid) and insulation stripped (8 mm) conductors into the marked termination points one after the other and fasten the contact screw (0.5 Nm).



2. Insert the feed cable into the strain relief and use both screws to tighten the strain relief bracket (0.6 Nm).

3. Insert the flat cable into the coded baseplate (92.050.1553.1 for green/black cable, 92.050.1653.0 for blue cable, 93.420.5453.0 for green cable, 91.020.5453.0 for black cable) so that it lies flush. Note the laying direction for the output direction of the connectors.

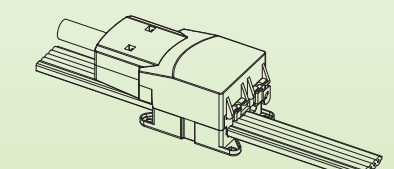
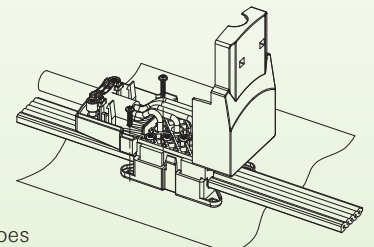


4. If necessary, fasten the baseplate to the desired subsurface using the mounting holes.

5. Tighten contact screws (0.5 Nm).

6. Close the cover and engage it with a clearly audible click.

**Caution:** The screws are not all correctly tightened if the cover does not completely close!

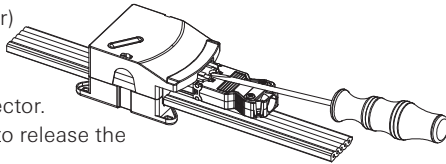


Sheath strip length 2-pole feed: 25 mm  
Insulation strip length 2-pole feed: 8 mm  
For fine-stranded conductors use ferrules



## Removing outputs

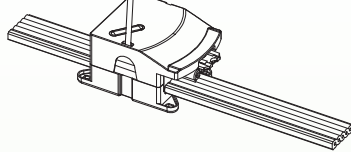
1. Use a tool (screwdriver) to release the connector interlock and remove the connector. No tools are required to release the BST14 connector.



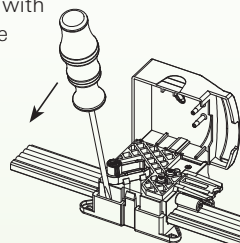
2. Push interlock in the direction of the arrow and open the cover.



3. Loosen the contact screws.



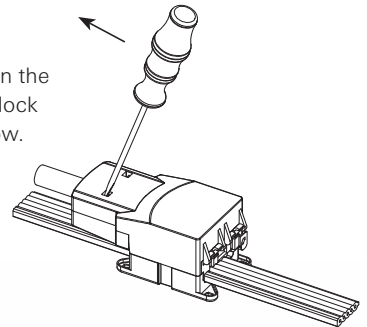
4. Unlock the baseplate interlock with a tool (screwdriver) and remove the module from the flat cable.



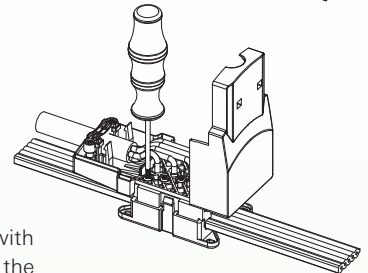
5. Close the contact openings in the cable with a cable repair patch.

## Removing feed

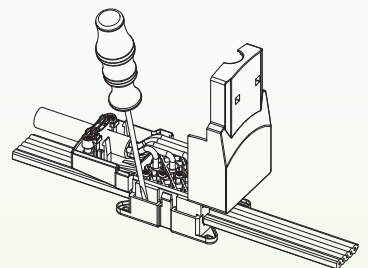
1. Use a tool (screwdriver) to open the cover interlock. Press the interlock lugs in the direction of the arrow.



2. Loosen the contact screws and connection screws.



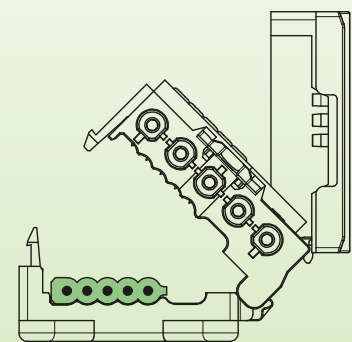
3. Unlock the baseplate interlock with a tool (screwdriver) and remove the module from the flat cable.



4. Close the contact openings in the cable with a cable repair patch.

### Additional information:

- To remove the cover, insert a screwdriver into the slot provided and raise gently.
- **The ends of the flat cable must be cut off with the special cable scissors and terminated with the cable end cap.** This guarantees the necessary insulation between the conductors.
- After removing the adapters, the sections of cable that have been terminated with the piercing screws must be sealed with insulating tape.
- Functional capability can only be guaranteed if the original flat cable is used.



Flat cable system, 5-pole, open-ended

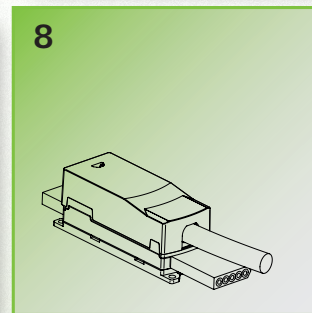
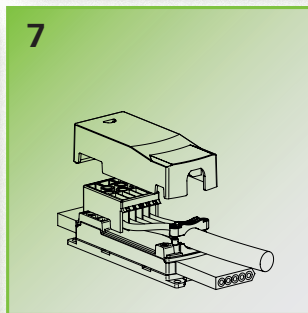
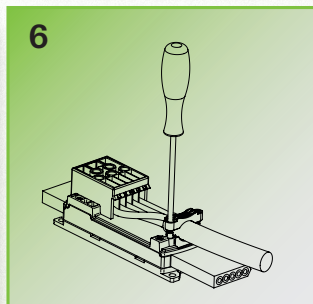
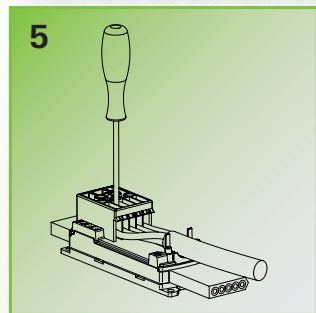
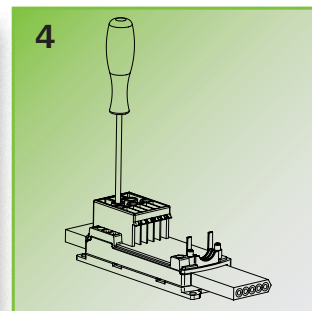
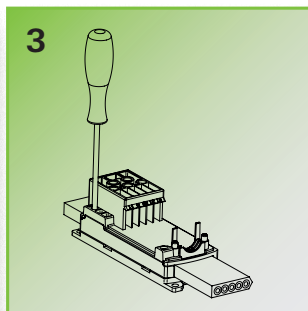
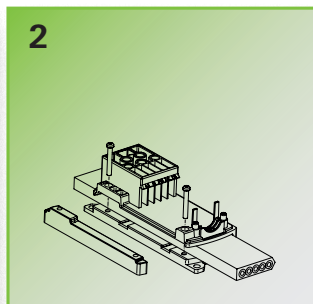
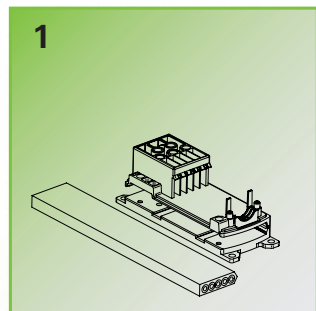


## Installation instructions

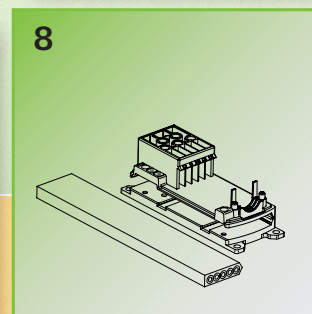
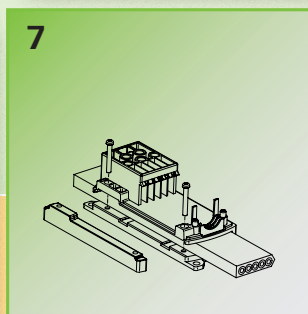
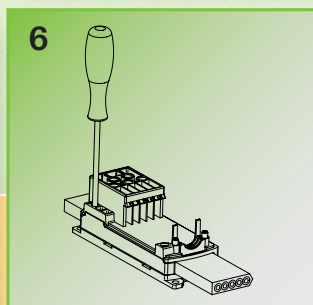
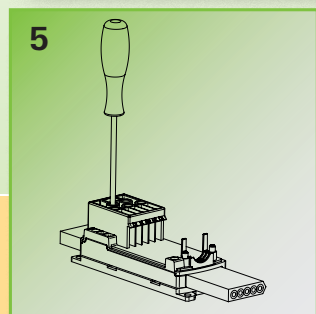
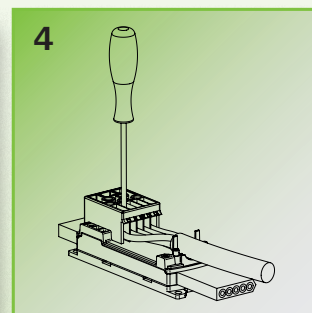
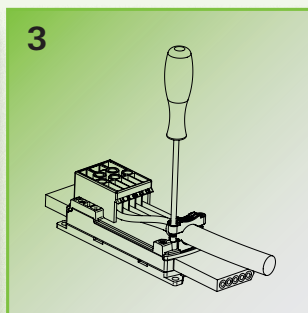
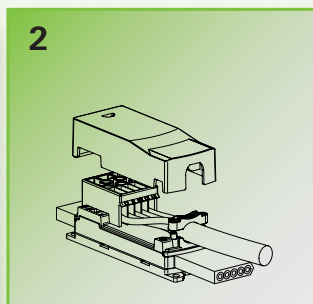
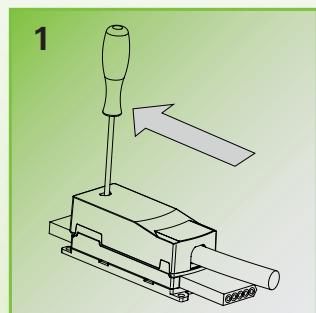
### Flat cable system 5-pole, 5G10 mm<sup>2</sup>

Connection cross section: 2.5 – 6 mm<sup>2</sup>, fine-stranded with ferrule, ferrule length 12 mm.  
6 mm<sup>2</sup> with ferrule without insulating collar.

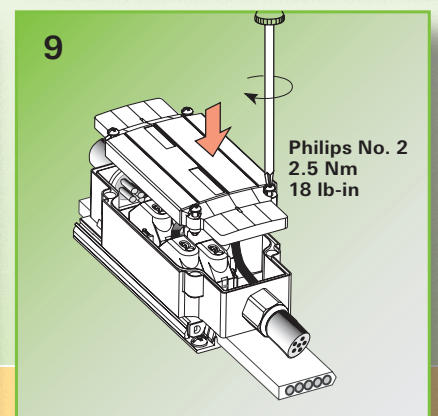
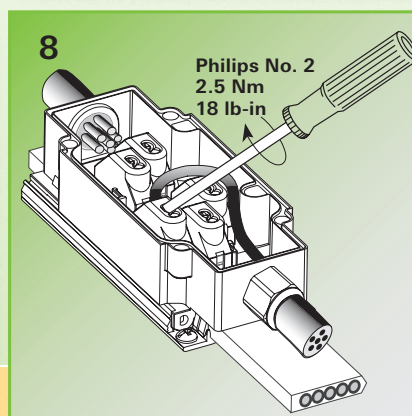
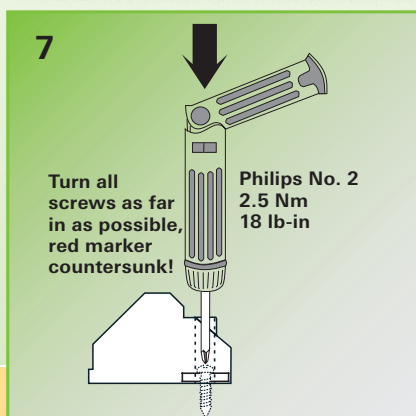
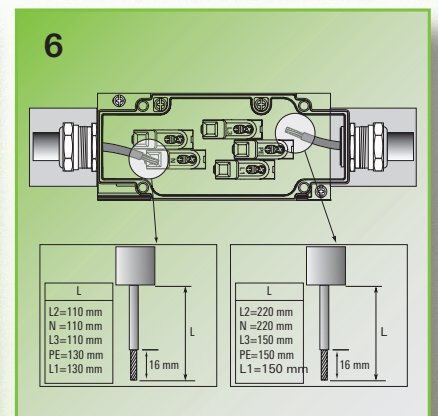
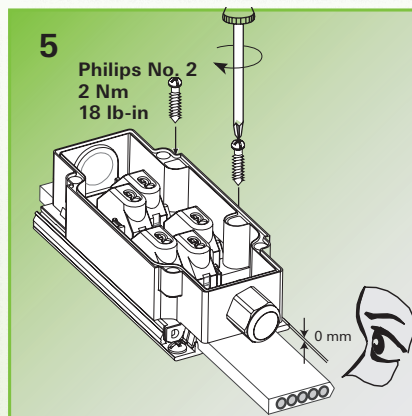
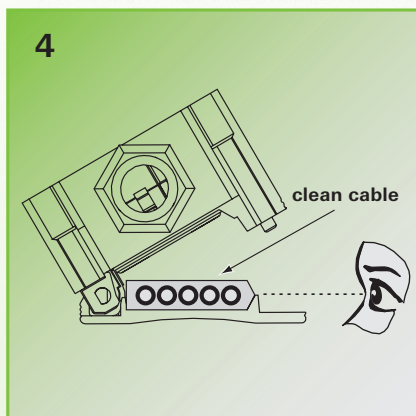
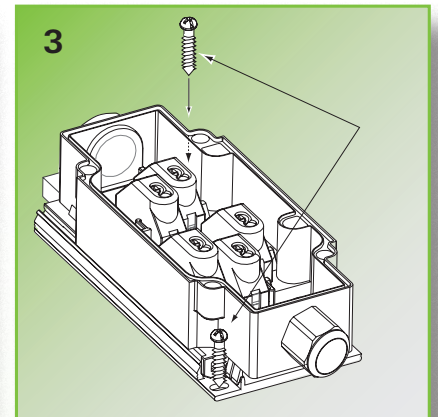
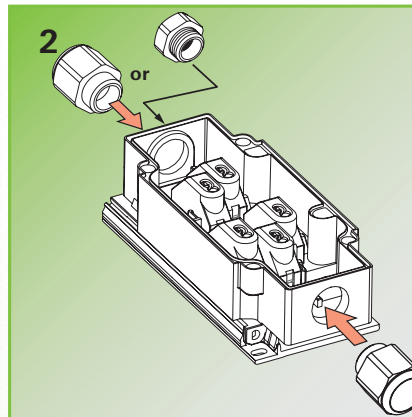
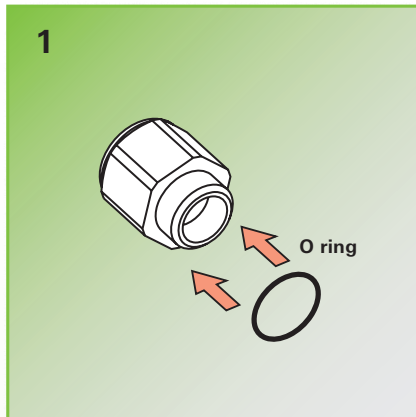
#### Installation



#### Removal



# Installation instructions Flat cable system 5-pole, 5G16 mm<sup>2</sup>



## Technical data for GST18i3 ... i6

### General:

Number of poles:	3, 4, 5 and 6-pole
Rated current:	20 A
Rated voltage:	250 V (2 and 3-pole; 6-pole) 250 V / 400 V (4 and 5-pole)
Rated impulse voltage:	4 kV (overvoltage category III)
Interlock:	Required according to IEC 61535: – already integrated in distributors and device connectors – available separately for “flying leads”, IDC adapters, flat cable adapters, and soldered parts
Product standards:	IEC 61535 (3 ... 5-pole), UL 1977, CSA Std. C 22.2 No. 182.3
Approvals:	VDE UL*, CSA under certain conditions (please consult us)
Degree of protection (IP):	IP 20 as per IEC 60529 unplugged IP 40 as per IEC 60529 when plugged or covered with caps that can be ordered separately
Ambient temperature:	–5 ... 40 °C
Operating temperature:	Max. 60 °C with pre-assembled H05VV and H05Z1Z1 cables
Ambient conditions:	Pollution degree 2 as per IEC 60664: “Only non-conductive pollution occurs. Occasional transient conductivity due to moisture condensation must be taken into account.”
Materials:	Insulation: PA, halogen-free, UL 94 V-0 Machined contacts: CuZn Screws: Steel, galvanized
Codings:	Different mechanical codings, identified by color Black and white and gray/tomato red have the same mechanical coding Note the differing rated voltages!
In general, the following applies:	– Contact protection of female connectors also when unplugged – Ground conductor leading, if available; in addition, the neutral line in 5-pole male connectors is leading the phases – No hazardous interchangeability with systems based on IEC 60309, IEC 60320, or IEC 60906 or with national connector and socket systems for home use.

### Observe the following notes for your safety:

According to IEC 61535, installation connector systems must only be connected and disconnected without load.

When using GST18 plug connectors in easily accessible areas, caps or covers that can only be removed with a tool must be used (see Accessories).

Compliance with EN 61535 will not automatically prevent dangerous interchangeability between the installation connector systems of different manufacturers. Compatibility with third-party products cannot be guaranteed. Installation connector systems are not a replacement for domestic connector and socket systems for home use. According to VDE 0100, only qualified electricians or electrotechnically instructed persons are permitted to use installation connector systems. Never tamper with the cables and components! Observe applicable accident prevention and safety regulations.

The Wieland coding concept provides for the allocation of codings and colors to each application.

The applications are described in this catalogue.

When using codings for other applications, the user must ensure that dangerous mix-ups are prevented. Check for differing technical data, if applicable.

Do not use third-party components. Damages resulting from combination with third-party components are not covered by the warranty.

\*) Category ECBT2 component, observe installation conditions!



### Connectors:

Variations:	Female and male connectors, each with integrated strain relief, device connectors without strain relief		
Connection type:	Screw connection Tension spring connection		
Connection cross sections of contacts:	Screw:	0.5 ... 2.5 mm <sup>2</sup> (solid and fine-stranded without ferrule)	
	Tension spring:	0.5 ... 2.5 mm <sup>2</sup> (solid)	
		0.5 ... 1.5 mm <sup>2</sup> (with ferrule)	
		1.5 and 2.5 mm <sup>2</sup> ultrasonically welded	
		Unprepared fine-stranded cables are not permissible	
Torque	For screw contacts:	0.5 Nm	
	For strain relief:	0.5 – 0.7 Nm	
Fire load:	3-pole:	0.13 kWh	
	4-pole:	0.17 kWh	
	5-pole:	0.19 kWh	
	6-pole:	0.26 kWh	

### Device connectors, snap-in:

Variations:	Female and male connectors with frames for snap-in in housing cut-outs with 0.5 ... 1.5 mm or 1.5 ... 2.5 mm thick walls		
Connection type:	Screw connection (3-pole) Tension spring connection (3 to 5-pole)		
Connection cross sections of contacts:	Screw:	0.5 ... 2.5 mm <sup>2</sup> (solid and fine-stranded without ferrule)	
	Tension spring:	0.5 ... 2.5 mm <sup>2</sup> (solid)	
		0.5 ... 1.5 mm <sup>2</sup> (with ferrule)	
		1.5 and 2.5 mm <sup>2</sup> ultrasonically welded	
	Unprepared fine-stranded cables are not permissible		
Torque	For screw contacts:	0.5 Nm	
Fire load:	3-pole:	0.07 kWh	
	4-pole:	0.10 kWh	
	5-pole:	0.11 kWh	

### PC board connectors (soldered parts):

Variations:	Female and male connectors for soldering onto PC boards – Each with horizontal or vertical pins – Without fastening flange, models with fastening flange on request		
Spacing:	9.75 mm		
Pin length:	3.2 mm		
Fire load:	3-pole:	0.03 kWh	
	4-pole:	0.05 kWh	
	5-pole:	0.06 kWh	
	6-pole:	0.07 kWh	

### Distributors:

Fire load:	3-pole	T:	0.09 kWh
	3-pole	h:	0.14 kWh
	3-pole	H:	0.15 kWh
	3-pole	HH:	0.23 kWh
	4-pole	T:	0.14 kWh
	5-pole	T:	0.14 kWh
	5-pole	H:	0.22 kWh
	5-pole	5/3:	0.34 kWh



**Cable assemblies:**

Variations:	Extension cables female – male Connection cables female – free end Connection cables male – free end Adapter cables female GST15 – male GST18 Adapter cables to international household connector systems		
Rated current:	16 A with cable cross sections of 1.5 mm <sup>2</sup> 20 A with cable cross sections of 2.5 mm <sup>2</sup>		
Free ends:	Sheath and insulation stripped and ultrasonically welded / with ferrules		
Fire load of PVC cables:	3 x 1.5 mm <sup>2</sup> :	0.38 kWh/m + 0.13 kWh	per connector
	4 x 1.5 mm <sup>2</sup> :	0.50 kWh/m + 0.17 kWh	per connector
	5 x 1.5 mm <sup>2</sup> :	0.56 kWh/m + 0.19 kWh	per connector
	3 x 2.5 mm <sup>2</sup> :	0.58 kWh/m + 0.13 kWh	per connector
	4 x 2.5 mm <sup>2</sup> :	0.60 kWh/m + 0.13 kWh	per connector
	5 x 2.5 mm <sup>2</sup> :	1.15 kWh/m + 0.17 kWh	per connector
Cables used:	H05VV-F	(PVC)	
	H05V2V2-F	(PVC up to 90 °C continuous temperature)	
	H05Z1Z1-F	(halogen-free)	
	S05Z1Z1-F	(halogen-free)	
	S05HH-F	(halogen-free)	
	Routing and handling > 5°C		
	Other types on request		

**Note:**

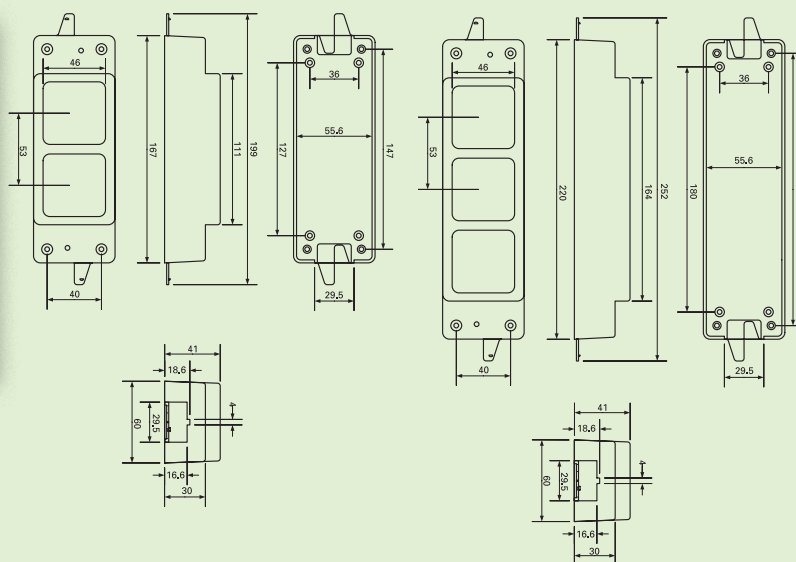
Our GST18i3 PVC cable assemblies with diameter 1.5 mm<sup>2</sup> are also approved according to DIN EN 60320.

**Multiple sockets – currently applicable standards:**
**Information:**

According to VDE 0620-1, connecting **mobile** outlets in series is not permissible, as safe circuit breaker function cannot be ensured.

This is also valid for the multiple outlets with GST 18 input and output shown here.

When using our multiple outlets in a **fixed installation**, e.g. in desks, cable ducts, shelves, etc., they may be connected in series subject to observance of the overall connected load, maximum power of 16 A, and the maximum admissible cable length for the respective installation.



## Technical data for GST18i3 ... i6 “No Flame” material

For general technical data see previous page

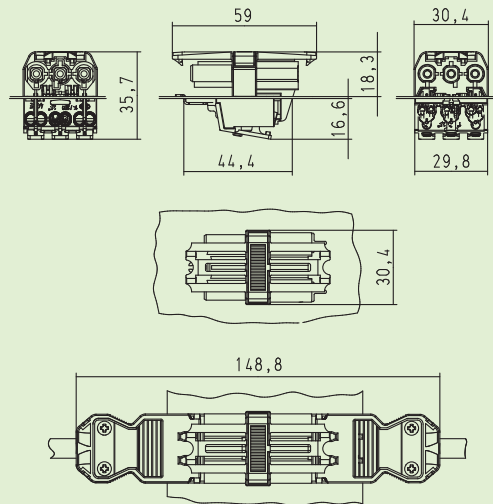
Materials:	Insulation:	PA, halogen-free and flame-protected, UL 94 V-0
	Contacts:	CuZn
	Screws:	Steel, galvanized

## Technical data for **gesis® TOP 3-pole**

### Technical data for **gesis® TOP**:

- Rated voltage max. 250 V
- Rated current max. 20 A
- Rated current max. 2.5 A, in lamp outlet
- Temperature range of -35 °C to +50 °C
- Degree of protection IP40, plugged
- Approval for feed-through IEC 61535, output IEC 61984
- Color white
- Dimensions (L x W x H) 59.0 x 30.4 x 18.3 mm

### Dimensions

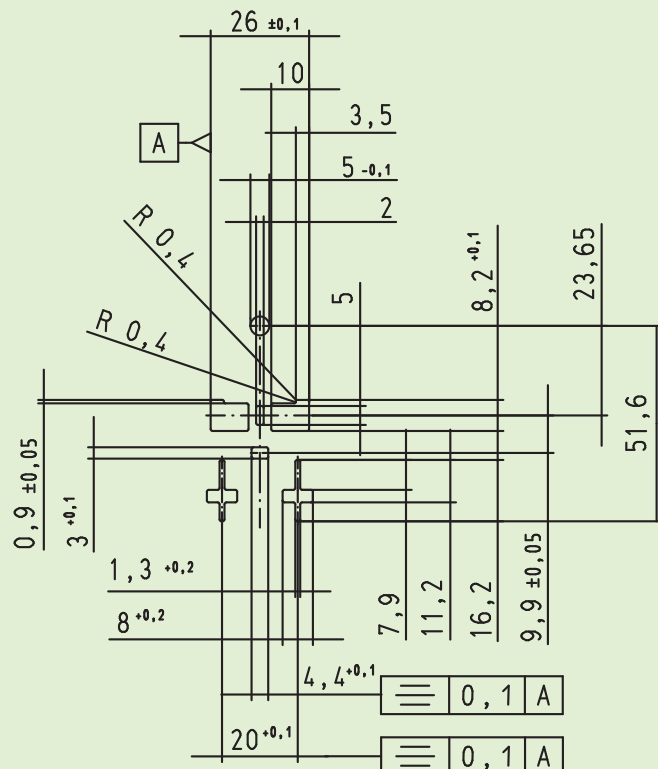


### Technical data for lamp terminal:

As specified by the manufacturer BJB

Ref. No. BJB 46.413.1302

### Required metal sheet cut-out





## Technical data for GST15i 2...5-pole

### General:

Number of poles:	2, 3, 4 and 5-pole
Rated current:	16 A (GST15i2 pastel blue 6 A, GST15i5 turquoise blue, may green, light blue 13A )
Rated voltage:	50V light blue 250V (2 and 3-pole) 250V / 400V (4 and 5-pole)
Rated impulse voltage:	4 kV (overvoltage category III)
Interlock:	fully integrated
Product standards:	IEC 61535
Approvals:	VDE (CB) UL, CSA under certain conditions (please consult us)
Degree of protection (IP):	IP 20 as per IEC 60529 unplugged IP 40 as per IEC 60529 when plugged
Ambient temperature:	–5 ... 40 °C
Operating temperature:	max. 60 °C with pre-assembled PVC cables
Ambient conditions:	Pollution degree 2 as per IEC 60664: "Only non-conductive pollution occurs. Occasional transient conductivity due to moisture condensation must be taken into account."
Materials:	Insulation: PA, halogen-free Machined contacts: CuZn, copper pre-coated and silver-coated Screws: Steel, galvanized
Codings:	Different mechanical codings, identified by color Black and white have the same mechanical coding Note the differing rated voltages!
In general, the following applies:	<ul style="list-style-type: none"> <li>– Contact protection of female connectors also when unplugged</li> <li>– Ground conductor leading; in addition, the neutral conductor in 5-pole male connectors is leading the phases</li> <li>– Protection against mismatching as per IEC 61535 <ul style="list-style-type: none"> <li>– against connecting single poles</li> <li>– against connecting different numbers of poles</li> <li>– against pole displacement</li> <li>– against inverted connections</li> </ul> </li> <li>– No hazardous interchangeability with systems based on IEC 60309, IEC 60320, or IEC 60906 or with national connector and socket systems for home use.</li> </ul>

### Observe the following notes for your safety:

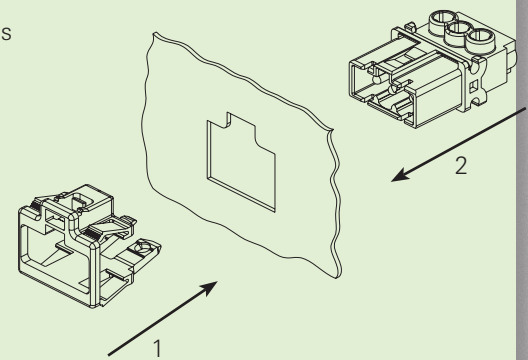
According to IEC 61535, installation connector systems must only be connected and disconnected without load. GST15 plug connectors are not suitable for use in easily accessible areas. Compliance with EN 61535 will not automatically prevent dangerous interchangeability between the installation connector systems of different manufacturers. Installation connector systems are not a replacement for domestic connector and socket systems for home use. According to VDE 0100, only qualified electricians or electrotechnically instructed persons are permitted to use installation connector systems.

### Connectors:

Variations:	Female and male connectors, each with integrated strain relief	
Connection type:	Screw connection	
Connection cross sections of contacts:	0.5 ... 2.5 mm <sup>2</sup>	
Torque for contacts:	0.5 Nm	
Torque for strain relief:	0.5 – 0.7 Nm	
Fire load:	2-pole:	0.06 kWh
	3-pole:	0.06 kWh
	4-pole:	0.12 kWh
	5-pole:	0.12 kWh

### Device connectors, snap-in:

Variations:	Female and male connectors with snap-in frames for housing cut-outs with 0.5 ... 1.5 mm thick walls	
Connection type:	Screw connection	
Connection cross sections of contacts:	0.5 ... 2.5 mm <sup>2</sup>	
Torque for contacts:	0.5 – 0.7 Nm	
Fire load:	2-pole:	0.04 kWh
	3-pole:	0.04 kWh
	4-pole:	0.06 kWh
	5-pole:	0.06 kWh



### PC board connectors (soldered parts):

Variations:	Female and male connectors for soldering onto PC boards	
	– Each with horizontal or vertical pins	
	– Each with or without fastening flange	
Spacing:	5.3 mm	
Pin length:	3.2 mm	
Fire load:	2-pole:	0.03 kWh
	3-pole:	0.03 kWh
	4-pole:	0.04 kWh
	5-pole:	0.04 kWh

### Distributors:

Fire load:	2-pole	T:	0.03 kWh	2-pole	h:	0.04 kWh
	2-pole	H:	0.04 kWh			
	3-pole	T:	0.04 kWh	3-pole	h:	0.06 kWh
	3-pole	H:	0.07 kWh	3-pole	HH:	0.11 kWh
	4-pole	T:	0.06 kWh	4-pole	h:	0.08 kWh
	4-pole	H:	0.09 kWh			

### Cable assemblies:

Variations:	Extension cables female – male	
	Connection cables female – free end	
	Connection cables male – free end	
	Adapter cables female GST15i3 – male GST18i3	
	Adapter cables male GST15i2 – female GST08i2	
	Adapter cables female – male CEE 7/4 connector, angled	
Free ends:	Sheath and insulation stripped and ultrasonically welded / with ferrules	
Fire load:		
PVC cables:	2 x 1.5 mm <sup>2</sup> :	0.28 kWh/m + 0.06 kWh per connector
	3 x 1.5 mm <sup>2</sup> :	0.38 kWh/m + 0.06 kWh per connector
	4 x 1.5 mm <sup>2</sup> :	0.50 kWh/m + 0.12 kWh per connector
	5 x 1.5 mm <sup>2</sup> :	0.56 kWh/m + 0.12 kWh per connector
Cable:	H05VV-F (PVC)	
	H05Z1Z1-F (halogen-free)	
	Other types on request	
Routing and handling	> 5 °C	



## Technical data for GST 08i2

### General:

Number of poles:	2		
Rated values:	White coding:	250 V~, 2.5 A	
	Blue coding:	12 V, 6 A	
	Green coding:	24 V, 6 A	
	Red coding:	250 V~, 2.5 A	
	Yellow coding:	50 V, 6 A	
Approvals:	EN 60320 (white coding) and EN 61984 (blue, red, yellow, and green coding)		
Ambient temperature:	–5...+40 °C		
Operating temperature:	Max. 60 °C		
Materials:	Insulating housing:	PA6	
	Housing:	PVC	
Codings:	Different mechanical codings, identified by color. Note the differing rated voltages.		
Please note:	When using adapter cables for connection to GST 15 or GST 18, the circuit must be fused for the rated current of the GST08 components!		
	GST08 plug connectors are not a replacement for domestic connector and socket systems for home use.		
	According to VDE0100, only qualified electricians or electrotechnically instructed persons are permitted to use installation connector systems.		
	<b>gesis</b> <sup>MICRO</sup> (GST08) is not intended for use in fixed installations as per IEC 61535.		
	Never tamper with the cables and components! Observe applicable accident prevention and safety regulations. Do not use third-party components.		
Cable assemblies:	Variations:	Extension cables	Female – male
		Connection cable	Female – free end
		Connection cable	Male – free end
		Adapter cables	Female GST 15 to male GST08
		Distribution cables	Male connector to 6-fold distributor
Open line ends:	Sheath and insulation stripped and crimped with ferrules		
Cables used:	H03V2V2H2F	PVC (up to 90° C continuous temperature) on the conductor, 50 °C on the sheath	
	LIYZ	PVC	

## Technical data for GST08i3

### General:

Number of poles: 3  
 Rated values: White coding: 250 V~, 6 A

Approvals: EN 60320

Ambient temperature: -5...+40 °C  
 Operating temperature: Max. 60 °C

Materials: Insulating housing: PA6  
 Housing: PVC

Codings: A mechanical coding

Please note: When using adapter cables for connection to GST 15 or GST 18, the circuit must be fused for the rated current of the GST08 components!

GST08 plug connectors are not a replacement for domestic connector and socket systems for home use.

According to VDE0100, only qualified electricians or electrotechnically instructed persons are permitted to use installation connector systems.

**gesis<sup>®</sup> MICRO** (GST08) is not intended for use in fixed installations.

Never tamper with the cables and components!  
 Observe applicable accident prevention and safety regulations.  
 Do not use third-party components.

Cable assemblies:	Variations:	Extension cables	Female – male
		Connection cable	Female – free end
		Connection cable	Male – free end
		Adapter cables	Female GST 15 to male GST08
		Distribution cables	Male connector to 6-fold distributor
Open line ends:	Sheath and insulation stripped and crimped with ferrules		
Cables used:	H03VV-F PVC (up to 60 °C continuous temperature)		



## Technical data for BST 14i2

### General:

Poles:	2
Rated voltage:	50 V
Rated current:	3 A
Wire colors:	1 (+) red, 2 (-) black
Rated cross sections:	0.25 – 0.75 mm <sup>2</sup>
Connection type:	Spring-loaded
Coding:	Mechanical codings, identified by color
Interlock:	Integrated, without tools
Strain relief	Integrated in connector housing
Degree of protection (IP):	IP 20
Insulation strip length:	8 mm
Feed-through resistance:	Approx. 5 mΩ per female-male connection
Materials:	Thermoplastic, halogen-free Contacts: plated brass
Continuous temperature:	70 °C

**Voltage types:** Use BST 14i2 connectors only in connection with a SELV or PELV power supply!

### Green coding (KNX):

Coding:	As per KNX standard
Approvals:	Connectors as per KNX manual
Cables:	As per KNX guidelines

### Blue coding:

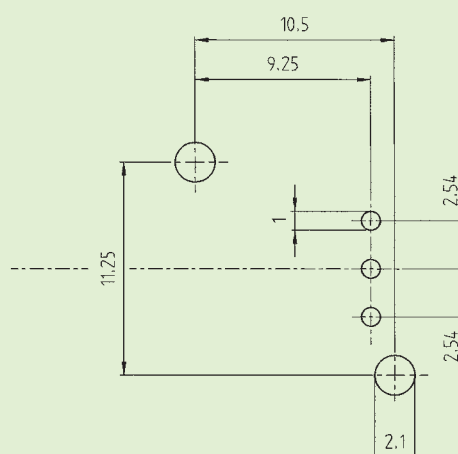
Coding:	Individual coding
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# Technical data for BST 14i3

## General:

Poles:	3 (+, -, shield)
Rated voltage:	50 V
Rated current:	3 A
Wire colors:	1 (+) red, 2 (-) black
Rated cross sections:	0.25 – 0.75 mm <sup>2</sup>
Connection type:	Spring-loaded
Coding:	Mechanical codings, identified by color
Interlock:	Integrated
Strain relief	Integrated in connector housing
Degree of protection (IP):	IP 20
Insulation strip length:	8 mm
Feed-through resistance:	Approx. 5 mΩ per female-male connection
Materials:	Thermoplastic, halogen-free Contacts: plated brass
Continuous temperature:	70 °C
Approval:	EN 61984 (VDE 0627)

Bore hole pattern for BST solder connectors Female/  
Male



**Voltage types:** Use BST 14i3 connectors only in connection with a SELV or PELV voltage supply!

## General note:

According to VDE0100, only qualified electricians or electrotechnically instructed persons are permitted to use installation connector systems.

Never tamper with the cables and components!

Observe applicable accident prevention and safety regulations as well as local installation instructions.

According to the installation instructions, the live component **MUST** be a female connector.

It is not possible to install cables in a ring circuit!

Connectors must only be connected and disconnected without load.

The WIELAND concept provides for the allocation of codings and colors to each application.

When using codings differently, the user must ensure that dangerous mix-ups are prevented.

The user must check for differing technical data, if applicable.

## Technical data for LST03i2 ...i4

### General:

Number of poles:	2 and 4-pole
Rated values:	Max. voltage 32 V
	Max. current 3.0 A
Spacing:	2.5 mm
Approvals:	VDE, UL
Degree of protection (IP):	IP 20
Ambient temperature:	-40 ... +120 °C
Operating temperature:	
Dimensions:	11.0 x 7.5/12.5 x 7.3 mm
	Board thickness 1.55 mm ± 0.19 mm
Cable:	0.22 – 0.35 mm <sup>2</sup> (AWG 32– 34)
Codings:	With/without center bridge
Please note:	Never tamper with the cables and components!
	Observe applicable accident prevention and safety regulations.
	Do not use third-party components.
Cable assemblies:	2 or 4-pole versions, female – male are identical





## Technical data

### Flat cable system 5-pole, 2.5 / 4 mm<sup>2</sup>

<b>Components:</b>	<b>Feed adapter for round cable</b> <b>Flat cable adapter GST 18i3 with phase selection</b> <b>Flat cable adapter GST 18i5</b>
Connection technology:	Insulation piercing clamping with pluggable output as per Wieland coding GST 18 <sup>®</sup>
Contact screws:	Tightening torque: 0.5 Nm
Strain relief screw:	Tightening torque: 0.6 Nm
Rated voltage:	250 V/400 V (blue cables and components are designed for combination of mains voltage with signals up to AC 250V (Touch DIM / SMI))
Rated current:	20 A
Number of poles:	3/5-pole
Regulations:	EN61535 / EN60998-1 / EN60998-2-3
Approval:	VDE requested
Degree of protection (IP):	IP 20
Connection cable for feed:	Ø 12 – 16 mm
Materials:	Housing: thermoplastic, halogen-free Contact parts: brass, surface-plated tin bronze, surface-plated
Operating temperature of the system:	-5 up to +40 °C
Installation temperature:	+5 up to +40 °C
Coding:	Mechanical coding GST 18i, Code 1, black Code 2, pastel blue
General:	<p>The voltage (feed) is supplied to the flat cable with a screwable flat cable adapter. The output boxes can be adapted using insulation piercing screw technology. The outputs themselves are pluggable using <b>gesis</b><sup>®</sup> connector systems. The connectors must be locked together with the adapter.</p>
Note:	<p>According to VDE 0100, only qualified electricians or electrotechnically instructed persons are permitted to use installation connector systems.</p> <p>Never tamper with the cables and components! Observe applicable accident prevention and safety regulations.</p> <p>Only open the covers of <b>gesis</b><sup>®</sup> NRG components when they are not energized. Never connect or disconnect GST 18<sup>®</sup> connectors under load. Do not use third-party components. Only combinations of Wieland products are covered by the warranty.</p> <p>Connection and termination points, as well as plug-in connections of cables/conductors, must be provided with mechanical strain relief as per VDE 0100-520. Never use force to unplug <b>gesis</b><sup>®</sup> connectors.</p>

## PVC flat cable

Number x cross section:	5 x 2.5 mm <sup>2</sup>
Outer sheath:	PVC
Sheath color:	black / green / blue
Dimensions (W x H):	27.5 x 6.3 mm
Fire behavior:	Self-extinguishing and flame-retardant as per IEC 60332-1
Bending radius:	Min. 60 mm (with fixed installation as per DIN VDE 0298-3)

### Structure:

Copper wire:	Uncoated, fine-stranded, Class 6
Insulation:	PVC
Wire colors:	



### Technical data:

Cable cross section:	2.5 mm <sup>2</sup>
Testing voltage:	4 kV
Rated voltage:	0.6 / 1 kV
Stationary:	-15 to +70 °C
Moving:	-5 to +70 °C

black/green Mains 250V/400V ⊕ = GN/YE N = BU 1 = BN 2 = BK 3 = GY	blue Mains 250V+ AC 250V signal ⊕ = GN/YE N = BU 1 = BN D2 = BK D1 = GY
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## Halogen-free flat cable

Number x cross section:	5 x 2.5 mm <sup>2</sup> / 5 x 4 mm <sup>2</sup>
Outer sheath:	Thermoplastic PE compound, halogen-free and no corrosive gases as per DIN VDE 0472 Part 813
Sheath color:	Black / green / blue
Dimensions (W x H):	27.5 x 6.3 mm
Fire behavior:	Self-extinguishing and flame-retardant as per IEC 60332-1. Low smoke development as per IEC 61034-1/2
Bending radius:	Min. 60 mm (with fixed installation as per DIN VDE 0298-3)

### Structure:

Copper wire:	Uncoated, fine-stranded, Class 6
Insulation:	Cross-linked, halogen-free, and flame-retardant PE
Wire colors:	



### Technical data:

Cable cross section:	2.5 mm <sup>2</sup> / 4 mm <sup>2</sup>
Testing voltage:	4 kV
Rated voltage:	0.6 / 1 kV
Stationary:	-15 to +70 °C
Moving:	-5 to +70 °C

black/green Mains 250V/400V ⊕ = GN/YE N = BU 1 = BN 2 = BK 3 = GY	blue Mains 250V+ AC 250V Signal ⊕ = GN/YE N = BU 1 = BN D2 = BK D1 = GY
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## Technical data

### Flat cable system 5+2-pole

#### Components:

#### Mains

Feed adapter for round cables 5 x 2.5/4 mm<sup>2</sup>  
Flat cable adapter GST 18i5  
Flat cable adapter GST 18i3

#### Bus


Feed adapter for round cables 2 x 1.5 mm<sup>2</sup>  
Flat cable adapter BST 14i2  
Flat cable adapter GST 15i2

Connection technology:	Insulation piercing clamping with pluggable output as per Wieland coding GST, BST	
Clamping screws:	Tightening torque: 0.5 Nm	Tightening torque: 0.5 Nm
Voltage category:	5 x 2.5/4 mm <sup>2</sup> Mains 250 / 400 V	2x1.5 mm <sup>2</sup> green: SELV 2x1.5 mm <sup>2</sup> black: not SELV, 50 V
Rated current:	20 A	2x1.5 mm <sup>2</sup> green: 3 A 2x1.5 mm <sup>2</sup> black: 6 A
Number of poles:	3/5-pole	2-pole (1+, 2– and D1, D2)
Regulations:	IEC 61535 IEC 998-2-3 (insulation piercing clamp)	BASIC + SELV as per KNX manual
Approval:	VDE requested	BASIC + SELV requested as per KNX manual
Degree of protection (IP):	IP 20	IP 20
Connection cable for feed:	Ø 12 – 16 mm	Ø 5.9 – 7.5 mm
Materials:	Housing: thermoplastic, halogen-free Contact parts: brass, surface-plated tin bronze, surface-plated	
Operating temperature of the system:	-5 to +40 °C	
Installation temperature:	+5 to +40 °C	
Coding:	Mechanical coding GST 18i3, code 1, black Mechanical coding GST 18i5, code 1, black; code 2, pastel blue Mechanical coding GST 15i2, code 2, pastel blue Mechanical coding BST 14i2, code 1, black/green	
General information on BASIC+SELV:	Bus system components must be chosen in compliance with SELV	
Info:	<p><b>The voltage (feed) is supplied to the flat cable with a screwable flat cable adapter. The output boxes can be adapted using insulation piercing screw technology. The outputs themselves are pluggable using <b>gesis</b><sup>®</sup> connector systems. The connectors must be locked together with the adapter.</b></p> <p>Functional safety can only be guaranteed if the original cable is used. The bus cable with screen is only suitable for use in SELV applications.</p> <p>The wire colors have been designed to the European standard. The assignment corresponds to international recommendations. Never tamper with the cables and components! Observe applicable accident prevention and safety regulations. Only open the covers of <b>gesis</b><sup>®</sup> NRG components when they are not energized. Never connect or disconnect GST/BST connectors under load. Do not use third-party components. Only combinations of Wieland products are covered by the warranty.</p> <p>Connection and termination points, as well as plug-in connections of cables/conductors, must be provided with mechanical strain relief as per VDE 0100-520. Never use force to unplug <b>gesis</b><sup>®</sup> connectors.</p> <p>According to VDE 0100, only qualified electricians or electrotechnically instructed persons are permitted to use installation connector systems.</p>	

## PVC flat cable

Number x cross section:	<b>Mains</b> 5 x 2.5 mm <sup>2</sup>	<b>Bus</b> 2 x 1.5 mm <sup>2</sup>
Outer sheath:	PVC	
Sheath color:	Black/green	Capacity: 70 pF/m
Dimensions (W x H):	36.9 x 6.3 mm	Attenuation at 1 MHz: nom. 1.2 dB/100 m
Fire behavior:	Self-extinguishing as per IEC 60332-1	Wave resistance at 1 MHz: nom. 75 Ω
Bending radius:	Min. 60 mm (with fixed installation as per DIN VDE 0298-3)	

### Structure:

Copper wire:	Uncoated, fine-stranded	
Insulation:	PVC	PE
Wire colors:		White
BASIC + SELV:	Double aluminum strip screening, galvanically insulated	

<b>black</b> Mains+ SIGNAL 250V/400V	<b>green</b> Mains+SELV 250V/400V
⊕ = GN/YE	⊕ = GN/YE
N = BU	N = BU
1 = BN	1 = BN
2 = BK	2 = BK
3 = GY	3 = GY
WS = D1, D2	WS = 1+, 2-


### Technical data:

Testing voltage:	4 kV
Rated voltage:	0.6 / 1 kV
Rated current:	20 A
Testing current:	As per IEC 60364-5-523
Stationary:	-15 to +70 °C
Moving:	-5 to +70 °C

## Halogen-free flat cable

Number x cross section:	<b>Mains</b> 5 x 2.5 / 5 x 4 mm <sup>2</sup>	<b>Bus</b> 2 x 1.5 mm <sup>2</sup>
Outer sheath:	Halogen-free copolymer	
Sheath color:	Black/green	Capacity: 70 pF/m
Dimensions (W x H):	36.9 x 6.3 mm	Attenuation at 1 MHz: nom. 1.2 dB/100 m
Fire behavior:	Self-extinguishing as per IEC 60332-1	Wave resistance at 1 MHz: nom. 75 Ω
Bending radius:	Min. 60 mm (with fixed installation as per DIN VDE 0298-3)	

### Structure:

Copper wire:	Uncoated, fine-stranded	
Insulation:	Cross-linked, halogen-free, and flame-retardant PE	PE
Wire colors:		White
BASIC + SELV:	Double aluminum strip screening, galvanically insulated	

<b>black</b> Mains+ SIGNAL 250V/400V	<b>green</b> Mains+SELV 250V/400V
⊕ = GN/YE	⊕ = GN/YE
N = BU	N = BU
1 = BN	1 = BN
2 = BK	2 = BK
3 = GY	3 = GY
WS = D1, D2	WS = 1+, 2-

### Technical data:

Testing voltage:	4 kV
Rated voltage:	0.6 / 1 kV
Rated current:	20 A
Testing current:	As per IEC 60364-5-523
Stationary:	-15 to +70 °C
Moving:	-5 to +70 °C



## Technical data

### Flat cable system 5 pole, 10 mm<sup>2</sup>

<b>Components:</b>	<b>Feed adapter for round cables 10 mm<sup>2</sup></b> <b>Output adapter for round cables 2.5 – 6 mm<sup>2</sup></b>	
Connection technology:	Insulation piercing clamp	
Contact screws:	Tightening torque: 1.5 Nm	
Rated voltage:	250 V/400 V	
Rated current of flat cable:	50 A	
Rated current of adapter:	25 A	
Number of poles:	5-pole	
Conductor structure:	77 x 0.40 (n x mm)	
Sheath color:	Light green RAL 6027	
Regulations:	IEC 998-2-3, DIN EN 60998-2-3/VDE 0613-2-3	
Degree of protection (IP):	IP 20, DIN VDE 0470 Part 1/11.92	
Connection cable for feed:	Ø 18 – 25 mm	
Connection cable for output adapter:	Ø 9.7 – 18 mm	
Connection cross section of output adapter:	2.5 - 6.0 mm <sup>2</sup> (6 mm <sup>2</sup> with ferrule without collar)	
Temperature range:	Stationary PVC:	+5 °C to +45 °C
	Stationary halogen-free:	+5 °C to +45 °C
Fire load:	Feed for mains	~ 0.45 kWh
	Output for mains	0.62 kWh
Properties halogen-free:	– Halogen-free as per DIN EN 50267-2-2 and DIN VDE 0482 Part 267-2-2 (formerly CENELEC HD 602 and DIN VDE 0472 Part 813), IEC 60754-2 – Low fire propagation as per IEC 60332-3 cat. C, CENELEC HD 405.3 – Minimal smoke development as per EN 50268, DIN VDE 0482 Part 268, IEC 61034 – Self-extinguishing as per DIN EN 50265-2-1, VDE 0482 Part 265-2-1 (formerly CENELEC HD 405.1 and DIN VDE 0472 Part 804 B), IEC 60332-1	
Note:	Functional safety can only be guaranteed if the original cable is used.	

## PVC flat cable

Number x cross section:	5 x 10 mm <sup>2</sup>	
Outer sheath:	Insulation:	PVC, as per CENELEC HD 21.1 S4, TI2
	Sheath:	PVC, as per CENELEC HD 21.1 S4, TM2
Weight:	837 kg/km	
Dimensions (W x H):	38.5 x 10.0 mm	
Fire load:	2.138 kWh/m	
Fire behavior:	Self-extinguishing as per IEC 60332-1, DIN EN 50265-2-1 (DIN VDE 0482 Part 265-2-1) (formerly CENELEC HD 405.1)	
Bending radius:	Min. 100 mm (with fixed installation as per DIN VDE 0298-3)	

### Structure:

Copper wire:	Uncoated, fine-stranded, as per CENELEC HD 383 S2 Class 6
Insulation:	PVC as per CENELEC HD 21.1 S2, TI2
Wire colors*:	Brown, blue, green-yellow, black, gray



⊕	= GN/YE
N	= BU
1	= BN
2	= BK
3	= GY

### Technical data:

Cable cross section:	10 mm <sup>2</sup>
Testing voltage:	4 kV
Rated voltage:	0.6 / 1 kV
Printing:	5 G 10 MM2, 1KV, VDE REG NO. 9475

## Halogen-free flat cable

Number x cross section:	5 x 10 mm <sup>2</sup>	
Outer sheath:	Insulation:	Cross-linked, halogen-free, flame-retardant PE as per DIN VDE 0207 Part 22 "2XI1" and following IEC 60502-1 "XLPE"
	Sheath:	Thermoplastic and halogen-free compound as per DIN VDE 250 Part 214 "HM2"
Weight:	844 kg/km	
Dimensions (W x H):	38.5 x 10.0 mm	
Fire load:	1.835 kWh/m	
Fire behavior:	Self-extinguishing as per IEC 60332-1. Low smoke development as per IEC 61034-1/2	
Bending radius:	Min. 100 mm (with fixed installation as per DIN VDE 0298-3)	

### Structure:

Copper wire:	Cu uncoated, fine-stranded as per DIN VDE 0295 Class 5 CENELEC HD 383 S2 Class 5 and IEC 60228 Class 5
Insulation:	Cross-linked, halogen-free, and flame-retardant PE
Wire colors*:	Brown, blue, green-yellow, black, gray



⊕	= GN/YE
N	= BU
1	= BN
2	= BK
3	= GY

### Technical data:

Cable cross section:	10 mm <sup>2</sup>
Testing voltage:	4 kV
Rated voltage:	0.6 / 1 kV
Printing:	5 G 10 MM2, FR/LSOH, 1KV, VDE REG NO. 9480

\* The wire colors have been adjusted to the new European standard HD 208 S2.  
The assignment corresponds to international recommendations.





## Technical data

### Flat cable system 5-pole, 16 mm<sup>2</sup>

<b>Components:</b>	<b>Feed adapter for round cables 5 x 16 mm<sup>2</sup></b> <b>Output adapter for round cables 5 x 6 mm<sup>2</sup></b> <b>Flat cable adapter incl. circuit breaker with GST18 output</b>	
Connection technology:	Insulation piercing clamping with pluggable output as per Wieland coding GST	
Contact screws:	Tightening torque: 2.5 Nm	
Rated voltage:	250 V/400 V	
Rated current:	63 A	
Number of poles:	3/5-pole	
Conductor structure:	126 x 0.40 (n x mm)	
Sheath color:	Light gray	
Regulations:	IEC 998-2-3, DIN EN 60998-2-3/VDE 0613-2-3	
Degree of protection (IP):	IP 65	
Connection cable for feed:	Ø 16 – 28 mm	
Materials:	Insulation: PVC or PE Contact parts: Cu uncoated, fine-stranded as per DIN VDE 0295 Class 5 CENELEC HD 383 S2 Class 5 and IEC 60228 Class 5	
Temperature range:	Stationary PVC:	+5 °C to +50 °C
	Stationary halogen-free:	+5 °C to +50 °C
Fire load:	Feed for mains	~ 3.30 kWh
	Output for mains	~ 3.30 kWh
Adapter incl. circuit breaker:	Adaptation using insulation piercing clamp technology. 4 fused outputs GST18, code 1, black	
General:	The feed and the output boxes can be adapted using insulation piercing screw technology. The outputs of the adapter with circuit breaker are pluggable using <b>gesis</b> <sup>®</sup> connector system GST18. The connectors must be locked together with the adapter. Use the corresponding GST accessories for this purpose.	
Properties PVC:	Special resistance to oils and acids – ASTM oil 2 "CAL-2" = good – Hydraulic oil "Aeroshell No. 41" = very good – Resistance to acids = good to very good	
Properties PE:	– Halogen-free as per DIN EN 50267-2-2 and DIN VDE 0482 Part 267-2-2 (formerly CENELEC HD 602 and DIN VDE 0472 Part 813), IEC 60754-2 – Low fire propagation as per IEC 60332-3 cat. C, CENELEC HD 405.3 – Minimal smoke development as per EN 50268, DIN VDE 0482 Part 268, IEC 61034 – Self-extinguishing as per DIN EN 50265-2-1, VDE 0482 Part 265-2-1 (formerly CENELEC HD 405.1 and DIN VDE 0472 Part 804 B), IEC 60332-1	
Note:	Functional safety can only be guaranteed if the original cable is used.	

## PVC flat cable

Number x cross section:	5 x 16 mm <sup>2</sup>
Outer sheath:	Insulation: PVC, "T13" as per CENELEC HD 21.1 S4 Sheath: PVC, "DMV6" as per DIN VDE 0276-603 (VDE 0276 Part 603): 2000-5 contains CENELEC HD 603 S1 + A1, oil resistance as "TM5" as per CENELEC HD 21.1 S4
Weight:	1255 kg/km
Dimensions (W x H):	48.6 x 11.3 mm
Fire load:	2.88 kWh/m
Fire behavior:	Self-extinguishing as per IEC 60332-1, DIN EN 50265-2-1 (DIN VDE 0482 Part 265-2-1) (formerly CENELEC HD 405.1)
Bending radius:	Min. 100 mm (with fixed installation as per DIN VDE 0298-3)
<b>Structure:</b>	
Copper wire:	Uncoated, fine-stranded, as per CENELEC HD 383 S2 Class 6
Insulation:	PVC as per CENELEC HD 21.1 S2, T12
Wire colors*:	Brown, blue, green-yellow, black, gray
<b>Technical data:</b>	
Cable cross section:	16 mm <sup>2</sup>
Testing voltage:	4 kV
Rated voltage:	0.6 / 1 kV
Printing:	5 G 16 MM2, 1KV, VDE REG NO. 9475



⊕	= GN/YE
N	= BU
1	= BN
2	= BK
3	= GY

## Halogen-free flat cable

Number x cross section:	5 x 16 mm <sup>2</sup>
Outer sheath:	Insulation: Cross-linked, halogen-free, flame-retardant PE as per DIN VDE 0207 Part 22 "2Xl1" and following IEC 60502-1 "XLPE" Sheath: Thermoplastic and halogen-free compound as per DIN VDE 250 Part 214 "HM2"
Weight:	1266kg/km
Dimensions (W x H):	48.6 x 11.3 mm
Fire load:	2.48 kWh/m
Fire behavior:	Self-extinguishing as per IEC 60332-1. Low smoke development as per IEC 61034-1/2
Bending radius:	Min. 100 mm (with fixed installation as per DIN VDE 0298-3)
<b>Structure:</b>	
Copper wire:	Cu uncoated, fine-stranded as per DIN VDE 0295 Class 5 CENELEC HD 383 S2 Class 5 and IEC 60228 Class 5
Insulation:	Cross-linked, halogen-free, and flame-retardant PE
Wire colors*:	Brown, blue, green-yellow, black, gray



⊕	= GN/YE
N	= BU
1	= BN
2	= BK
3	= GY

### Technical data:

Cable cross section:	16 mm <sup>2</sup>
Testing voltage:	4 kV
Rated voltage:	0.6 / 1 kV
Printing:	5 G 16 MM2, FR/LSOH, 1KV, VDE REG NO. 9480

\* The wire colors have been adjusted to the new European standard HD 208 S2.

The assignment corresponds to international recommendations.



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00.702.0306.7	144	90.200.0524.2	115	91.021.0553.0	78	91.043.0153.0	93
00.702.0307.3	145	90.200.1020.2	114	91.021.1053.0	78	91.043.0153.1	93
00.709.0306.7	144	90.200.1024.2	115	91.021.1153.0	78	91.044.0053.0	93
00.709.0307.3	145	90.200.3020.2	114	91.021.5453.0	141	91.044.0053.1	93
00.710.0303.1	140	90.200.3023.2	114	91.022.0053.0	78	91.044.0153.0	93
00.710.0303.6	140	90.210.0523.2	114	91.022.0053.1	78	91.044.0153.1	93
00.710.0303.7	140	90.210.0524.2	115	91.022.0153.0	78	91.050.3151.0	101
00.710.0304.1	140	90.210.0543.2	114	91.022.0153.1	78	91.050.3251.0	101
00.710.0304.6	140	90.210.0544.2	115	91.022.0253.0	78	91.050.3351.0	101
00.710.0304.7	140	90.210.1020.2	114	91.022.0353.0	78	91.050.5953.0	101
00.710.0323.7	141	90.210.1023.2	114	91.022.0453.0	78	91.050.5953.1	101
00.710.0324.7	141	90.210.1024.2	115	91.022.0553.0	78	91.050.6053.0	101
00.710.1323.1	141	90.210.1040.2	114	91.022.1053.0	78	91.051.0053.0	100
00.710.1324.1	141	90.210.2020.2	114	91.022.1153.0	78	91.051.0053.1	100
00.712.0303.1	140	90.210.2023.2	114	91.023.0053.0	77	91.051.0153.0	100
00.712.0303.6	140	90.210.2520.2	114	91.023.0053.1	77	91.051.0153.1	100
00.712.0303.7	140	90.210.2524.2	115	91.023.0153.0	77	91.051.0253.0	100
00.712.0323.7	141	90.210.3020.2	114	91.023.0153.1	77	91.051.0353.0	100
00.712.1323.1	141	90.210.3040.2	114	91.023.0253.0	77	91.051.0453.0	100
05.507.4153.0	146	90.210.5020.2	114	91.023.0353.0	77	91.051.0553.0	100
05.561.3653.0	61	90.210.5023.2	114	91.023.0453.0	77	91.051.1253.0	100
05.561.3653.1	61	90.210.5024.2	115	91.023.0553.0	77	91.051.1353.0	100
05.562.3000.0	143	90.215.0530.2	112	91.023.1053.0	77	91.051.1453.0	100
05.562.3000.0	146	90.215.0533.2	113	91.023.1153.0	77	91.051.1553.0	100
05.562.3612.0	60	90.215.0534.2	113	91.024.0053.0	77	91.052.0053.0	100
05.563.7753.0	135	90.215.1030.2	112	91.024.0053.1	77	91.052.0053.1	100
05.563.7853.0	135	90.215.1033.2	113	91.024.0153.0	77	91.052.0153.0	100
05.563.9453.0	146	90.215.1034.2	113	91.024.0153.1	77	91.052.0153.1	100
05.563.9553.0	146	90.215.1530.2	112	91.024.0253.0	77	91.052.0253.0	100
05.563.9753.0	146	90.215.1533.2	113	91.024.0353.0	77	91.052.0353.0	100
05.564.5353.0	61	90.215.1534.2	113	91.024.0453.0	77	91.052.0453.0	100
05.564.5353.2	61	90.220.0523.2	114	91.024.0553.0	77	91.052.0553.0	100
05.566.9153.0	61	90.220.0524.2	115	91.024.1053.0	77	91.052.1253.0	100
05.566.9253.0	61	90.220.1020.2	114	91.024.1153.0	77	91.052.1353.0	100
05.583.1853.0	61	90.220.3020.2	114	91.030.4953.0	87	91.052.1453.0	100
05.587.3156.0	62	90.230.0523.2	114	91.030.4953.1	87	91.052.1553.0	100
05.587.3156.1	62	90.230.0524.2	115	91.030.5253.0	87	91.053.0053.0	99
05.588.5753.0	62	90.230.0526.2	111	91.030.5253.1	87	91.053.0053.1	99
05.588.5753.1	62	90.230.0544.2	115	91.030.5853.0	87	91.053.0153.0	99
05.590.4556.0	62	90.230.1020.2	114	91.030.5853.1	87	91.053.0153.1	99
05.590.4556.1	62	90.230.1040.2	114	91.030.5953.0	87	91.053.0253.0	99
05.594.4250.0	61	90.230.2024.2	115	91.030.5953.1	87	91.053.0353.0	99
05.594.4253.0	61	90.230.3020.2	114	91.030.6053.0	87	91.053.0453.0	99
05.595.1453.0	62	90.230.3040.2	114	91.030.6053.1	87	91.053.0553.0	99
05.595.1453.2	62	90.240.0503.2	118	91.031.0053.0	86	91.053.1253.0	99
06.560.4153.0	179	90.240.0504.2	118	91.031.0053.1	86	91.053.1353.0	99
06.561.7853.0	62	90.240.0505.2	119	91.031.0153.0	86	91.053.1453.0	99
06.562.0653.0	143	90.240.0506.2	116	91.031.0153.1	86	91.053.1553.0	99
06.562.3100.0	111	90.240.1000.2	117	91.031.0653.0	86	91.054.0053.0	99
06.562.3200.0	111	90.240.3000.2	117	91.031.0753.0	86	91.054.0053.1	99
06.562.4353.0	143	91.020.1053.0	79	91.032.0053.0	86	91.054.0153.0	99
07.413.5453.0	60	91.020.1053.1	79	91.032.0053.1	86	91.054.0153.1	99
07.413.5453.1	60	91.020.1253.0	79	91.032.0153.0	86	91.054.0253.0	99
07.413.5553.0	60	91.020.1453.0	79	91.032.0153.1	86	91.054.0353.0	99
07.413.5553.1	60	91.020.1853.0	79	91.032.0653.0	86	91.054.0453.0	99
07.413.6853.1	60	91.020.4953.0	79	91.032.0753.0	86	91.054.0553.0	99
07.418.9153.1	106	91.020.4953.1	79	91.033.0053.0	86	91.054.1253.0	99
07.418.9253.1	106	91.020.5053.0	79	91.033.0053.1	86	91.054.1353.0	99
07.425.8753.0	64	91.020.5153.0	79	91.033.0153.0	85	91.054.1453.0	99
07.425.8853.0	64	91.020.5353.0	79	91.033.0153.1	85	91.054.1553.0	99
07.425.8953.0	64	91.020.5453.0	141	91.033.0653.0	86	91.207.1000.2	95
34.399.1673.1	168	91.020.5953.0	79	91.033.0753.0	85	91.207.1003.2	96
46.413.1302.50	68	91.020.5953.1	79	91.034.0053.0	86	91.207.1004.2	96
84.990.1242.0	63	91.020.6053.0	79	91.034.0053.1	86	91.207.1060.2	95
84.990.1243.0	63	91.020.6153.0	79	91.034.0153.0	85	91.207.1063.2	96
90.000.0153.0	111	91.020.6353.0	79	91.034.0153.1	85	91.207.1064.2	96
90.001.0153.0	110	91.020.7053.0	79	91.034.0653.0	86	91.207.2000.2	95
90.002.0153.0	110	91.020.7053.1	79	91.034.0753.0	85	91.207.2003.2	96
90.010.0153.0	111	91.020.7153.0	79	91.041.0053.0	94	91.207.2004.2	96
90.011.0153.0	110	91.020.7253.0	79	91.041.0053.1	94	91.207.2060.2	95
90.012.0153.0	110	91.020.7453.0	79	91.041.0153.0	94	91.207.2063.2	96
90.020.0153.0	111	91.021.0053.0	78	91.041.0153.1	94	91.207.2064.2	96
90.021.0153.0	110	91.021.0053.1	78	91.042.0053.0	94	91.207.3000.2	95
90.022.0153.0	110	91.021.0153.0	78	91.042.0053.1	94	91.207.3003.2	96
90.030.0153.0	111	91.021.0153.1	78	91.042.0153.0	94	91.207.3004.2	96
90.031.0153.0	110	91.021.0253.0	78	91.042.0153.1	94	91.207.3060.2	95
90.032.0153.0	110	91.021.0353.0	78	91.043.0053.0	93	91.207.3063.2	96
90.200.0523.2	114	91.021.0453.0	78	91.043.0053.1	93	91.207.3064.2	96

91.207.4000.2	95	91.222.3003.6	81	91.222.7000.1	80	91.232.2069.1	90
91.207.4003.2	96	91.222.3003.9	81	91.222.7000.2	80	91.232.2069.2	90
91.207.4004.2	96	91.222.3004.1	82	91.222.7000.6	80	91.232.3000.1	88
91.207.4060.2	95	91.222.3004.2	82	91.222.7000.9	80	91.232.3000.2	88
91.207.4063.2	96	91.222.3004.6	82	91.222.7003.1	81	91.232.3000.4	88
91.207.4064.2	96	91.222.3004.9	82	91.222.7003.2	81	91.232.3003.1	89
91.207.5000.2	95	91.222.3060.1	80	91.222.7003.6	81	91.232.3003.2	89
91.207.5003.2	96	91.222.3060.2	80	91.222.7003.9	81	91.232.3003.4	89
91.207.5004.2	96	91.222.3060.9	80	91.222.7004.1	82	91.232.3004.1	89
91.207.5060.2	95	91.222.3063.1	81	91.222.7004.2	82	91.232.3004.2	89
91.207.5063.2	96	91.222.3063.2	81	91.222.7004.6	82	91.232.3004.4	89
91.207.5064.2	96	91.222.3063.9	81	91.222.7004.9	82	91.232.3009.1	90
91.207.6000.2	95	91.222.3064.1	82	91.222.7060.1	80	91.232.3009.2	90
91.207.6003.2	96	91.222.3064.2	82	91.222.7060.2	80	91.232.3060.1	88
91.207.6004.2	96	91.222.3064.9	82	91.222.7060.9	80	91.232.3060.2	88
91.207.6060.2	95	91.222.4000.1	80	91.222.7063.1	81	91.232.3063.1	89
91.207.6063.2	96	91.222.4000.2	80	91.222.7063.2	81	91.232.3063.2	89
91.207.6064.2	96	91.222.4000.6	80	91.222.7063.9	81	91.232.3064.1	89
91.207.7000.2	95	91.222.4000.9	80	91.222.7064.1	82	91.232.3064.2	89
91.207.7003.2	96	91.222.4003.1	81	91.222.7064.2	82	91.232.3069.1	90
91.207.7004.2	96	91.222.4003.2	81	91.222.7064.9	82	91.232.3069.2	90
91.207.7060.2	95	91.222.4003.6	81	91.222.8000.1	80	91.232.4000.1	88
91.207.7063.2	96	91.222.4003.9	81	91.222.8000.2	80	91.232.4000.2	88
91.207.7064.2	96	91.222.4004.1	82	91.222.8000.6	80	91.232.4000.4	88
91.207.8000.2	95	91.222.4004.2	82	91.222.8000.9	80	91.232.4003.1	89
91.207.8003.2	96	91.222.4004.6	82	91.222.8003.1	81	91.232.4003.2	89
91.207.8004.2	96	91.222.4004.9	82	91.222.8003.2	81	91.232.4003.4	89
91.207.8060.2	95	91.222.4060.1	80	91.222.8003.6	81	91.232.4004.1	89
91.207.8063.2	96	91.222.4060.2	80	91.222.8003.9	81	91.232.4004.2	89
91.207.8064.2	96	91.222.4060.9	80	91.222.8004.1	82	91.232.4004.4	89
91.222.1000.1	80	91.222.4063.1	81	91.222.8004.2	82	91.232.4009.1	90
91.222.1000.2	80	91.222.4063.2	81	91.222.8004.6	82	91.232.4009.2	90
91.222.1000.6	80	91.222.4063.9	81	91.222.8004.9	82	91.232.4060.1	88
91.222.1000.9	80	91.222.4064.1	82	91.222.8060.1	80	91.232.4060.2	88
91.222.1003.1	81	91.222.4064.2	82	91.222.8060.2	80	91.232.4063.1	89
91.222.1003.2	81	91.222.4064.9	82	91.222.8060.9	80	91.232.4063.2	89
91.222.1003.6	81	91.222.5000.1	80	91.222.8063.1	81	91.232.4064.1	89
91.222.1003.9	81	91.222.5000.2	80	91.222.8063.2	81	91.232.4064.2	89
91.222.1004.1	82	91.222.5000.6	80	91.222.8063.9	81	91.232.4069.1	90
91.222.1004.2	82	91.222.5000.9	80	91.222.8064.1	82	91.232.4069.2	90
91.222.1004.6	82	91.222.5003.1	81	91.222.8064.2	82	91.232.5000.1	88
91.222.1004.9	82	91.222.5003.2	81	91.222.8064.9	82	91.232.5000.2	88
91.222.1060.1	80	91.222.5003.6	81	91.232.1000.1	88	91.232.5000.4	88
91.222.1060.2	80	91.222.5003.9	81	91.232.1000.2	88	91.232.5003.1	89
91.222.1060.9	80	91.222.5004.1	82	91.232.1000.4	88	91.232.5003.2	89
91.222.1063.1	81	91.222.5004.2	82	91.232.1003.1	89	91.232.5003.4	89
91.222.1063.2	81	91.222.5004.6	82	91.232.1003.2	89	91.232.5004.1	89
91.222.1063.9	81	91.222.5004.9	82	91.232.1003.4	89	91.232.5004.2	89
91.222.1064.1	82	91.222.5060.1	80	91.232.1004.1	89	91.232.5004.4	89
91.222.1064.2	82	91.222.5060.2	80	91.232.1004.2	89	91.232.5009.1	90
91.222.1064.9	82	91.222.5060.9	80	91.232.1004.4	89	91.232.5009.2	90
91.222.2000.1	80	91.222.5063.1	81	91.232.1009.1	90	91.232.5060.1	88
91.222.2000.2	80	91.222.5063.2	81	91.232.1009.2	90	91.232.5060.2	88
91.222.2000.6	80	91.222.5063.9	81	91.232.1060.1	88	91.232.5063.1	89
91.222.2000.9	80	91.222.5064.1	82	91.232.1060.2	88	91.232.5063.2	89
91.222.2003.1	81	91.222.5064.2	82	91.232.1063.1	89	91.232.5064.1	89
91.222.2003.2	81	91.222.5064.9	82	91.232.1063.2	89	91.232.5064.2	89
91.222.2003.6	81	91.222.6000.1	80	91.232.1064.1	89	91.232.5069.1	90
91.222.2003.9	81	91.222.6000.2	80	91.232.1064.2	89	91.232.5069.2	90
91.222.2004.1	82	91.222.6000.6	80	91.232.1069.1	90	91.232.6000.1	88
91.222.2004.2	82	91.222.6000.9	80	91.232.1069.2	90	91.232.6000.2	88
91.222.2004.6	82	91.222.6003.1	81	91.232.2000.1	88	91.232.6000.4	88
91.222.2004.9	82	91.222.6003.2	81	91.232.2000.2	88	91.232.6003.1	89
91.222.2060.1	80	91.222.6003.6	81	91.232.2000.4	88	91.232.6003.2	89
91.222.2060.2	80	91.222.6003.9	81	91.232.2003.1	89	91.232.6003.4	89
91.222.2060.9	80	91.222.6004.1	82	91.232.2003.2	89	91.232.6004.1	89
91.222.2063.1	81	91.222.6004.2	82	91.232.2003.4	89	91.232.6004.2	89
91.222.2063.2	81	91.222.6004.6	82	91.232.2004.1	89	91.232.6004.4	89
91.222.2063.9	81	91.222.6004.9	82	91.232.2004.2	89	91.232.6009.1	90
91.222.2064.1	82	91.222.6060.1	80	91.232.2004.4	89	91.232.6009.2	90
91.222.2064.2	82	91.222.6060.2	80	91.232.2009.1	90	91.232.6060.1	88
91.222.2064.9	82	91.222.6060.9	80	91.232.2009.2	90	91.232.6060.2	88
91.222.3000.1	80	91.222.6063.1	81	91.232.2060.1	88	91.232.6063.1	89
91.222.3000.2	80	91.222.6063.2	81	91.232.2060.2	88	91.232.6063.2	89
91.222.3000.6	80	91.222.6063.9	81	91.232.2063.1	89	91.232.6064.1	89
91.222.3000.9	80	91.222.6064.1	82	91.232.2063.2	89	91.232.6064.2	89
91.222.3003.1	81	91.222.6064.2	82	91.232.2064.1	89	91.232.6069.1	90
91.222.3003.2	81	91.222.6064.9	82	91.232.2064.2	89	91.232.6069.2	90

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91.232.7000.1	88	91.257.2064.2	104	91.257.7003.9	103	91.932.9853.0	85
91.232.7000.2	88	91.257.2064.9	104	91.257.7004.1	104	91.941.3053.0	92
91.232.7000.4	88	91.257.3000.1	102	91.257.7004.2	104	91.941.3053.1	92
91.232.7003.1	89	91.257.3000.2	102	91.257.7004.9	104	91.941.4053.0	92
91.232.7003.2	89	91.257.3000.9	102	91.257.7060.1	102	91.941.4053.1	92
91.232.7003.4	89	91.257.3003.1	103	91.257.7060.2	102	91.941.9053.0	93
91.232.7004.1	89	91.257.3003.2	103	91.257.7060.9	102	91.941.9053.1	93
91.232.7004.2	89	91.257.3003.9	103	91.257.7063.1	103	91.942.3053.0	92
91.232.7004.4	89	91.257.3004.1	104	91.257.7063.2	103	91.942.3053.1	92
91.232.7009.1	90	91.257.3004.2	104	91.257.7063.9	103	91.942.4053.0	92
91.232.7009.2	90	91.257.3004.9	104	91.257.7064.1	104	91.942.4053.1	92
91.232.7060.1	88	91.257.3060.2	102	91.257.7064.2	104	91.942.9053.0	93
91.232.7060.2	88	91.257.3060.9	102	91.257.7064.9	104	91.942.9053.1	93
91.232.7063.1	89	91.257.3063.1	103	91.257.8000.1	102	91.951.3053.0	98
91.232.7063.2	89	91.257.3063.2	103	91.257.8000.2	102	91.951.3053.1	98
91.232.7064.1	89	91.257.3063.9	103	91.257.8000.9	102	91.951.3253.0	98
91.232.7064.2	89	91.257.3064.1	104	91.257.8003.1	103	91.951.3353.0	98
91.232.7069.1	90	91.257.3064.2	104	91.257.8003.2	103	91.951.3453.0	98
91.232.7069.2	90	91.257.3064.9	104	91.257.8003.9	103	91.951.3653.0	98
91.232.8000.1	88	91.257.4000.1	102	91.257.8004.1	104	91.951.4053.0	98
91.232.8000.2	88	91.257.4000.2	102	91.257.8004.2	104	91.951.4053.1	98
91.232.8000.4	88	91.257.4000.9	102	91.257.8004.9	104	91.951.4253.0	98
91.232.8003.1	89	91.257.4003.1	103	91.257.8060.1	102	91.951.4353.0	98
91.232.8003.2	89	91.257.4003.2	103	91.257.8060.2	102	91.951.4453.0	98
91.232.8003.4	89	91.257.4003.9	103	91.257.8060.9	102	91.951.4653.0	98
91.232.8004.1	89	91.257.4004.1	104	91.257.8063.1	103	91.951.9053.0	99
91.232.8004.2	89	91.257.4004.2	104	91.257.8063.2	103	91.951.9053.1	146
91.232.8004.4	89	91.257.4004.9	104	91.257.8063.9	103	91.951.9053.1	99
91.232.8009.1	90	91.257.4060.1	102	91.257.8064.1	104	91.951.9053.1	146
91.232.8009.2	90	91.257.4060.2	102	91.257.8064.2	104	91.951.9253.0	99
91.232.8060.1	88	91.257.4060.9	102	91.257.8064.9	104	91.951.9353.0	99
91.232.8060.2	88	91.257.4063.1	103	91.921.2053.0	76	91.951.9453.0	99
91.232.8063.1	89	91.257.4063.2	103	91.921.2053.1	76	91.951.9453.0	146
91.232.8063.2	89	91.257.4063.9	103	91.921.2353.0	76	91.951.9653.0	99
91.232.8064.1	89	91.257.4064.1	104	91.921.2453.0	76	91.952.3053.0	98
91.232.8064.2	89	91.257.4064.2	104	91.921.3053.0	76	91.952.3053.1	98
91.232.8069.1	90	91.257.4064.9	104	91.921.3053.1	76	91.952.3253.0	98
91.232.8069.2	90	91.257.5000.1	102	91.921.3353.0	76	91.952.3353.0	98
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91.252.3060.1	102	91.257.5000.9	102	91.921.3553.0	76	91.952.3653.0	98
91.253.1060.2	105	91.257.5003.1	103	91.921.9053.0	77	91.952.4053.0	98
91.253.2060.2	105	91.257.5003.2	103	91.921.9053.1	77	91.952.4053.1	98
91.253.4060.2	105	91.257.5003.9	103	91.921.9353.0	77	91.952.4253.0	98
91.253.6060.2	105	91.257.5004.1	104	91.921.9453.0	77	91.952.4353.0	98
91.253.8060.2	105	91.257.5004.2	104	91.921.9553.0	77	91.952.4453.0	98
91.257.1000.1	102	91.257.5004.9	104	91.922.2053.0	76	91.952.4653.0	98
91.257.1000.2	102	91.257.5060.1	102	91.922.2053.1	76	91.952.9053.0	99
91.257.1000.9	102	91.257.5060.2	102	91.922.2353.0	76	91.952.9053.1	99
91.257.1003.1	103	91.257.5060.9	102	91.922.2453.0	76	91.952.9253.0	99
91.257.1003.2	103	91.257.5063.1	103	91.922.3053.0	76	91.952.9353.0	99
91.257.1003.9	103	91.257.5063.2	103	91.922.3053.1	76	91.952.9453.0	99
91.257.1004.1	104	91.257.5063.9	103	91.922.3353.0	76	91.952.9653.0	99
91.257.1004.2	104	91.257.5064.1	104	91.922.3453.0	76	92.002.5053.0	72
91.257.1004.9	104	91.257.5064.2	104	91.922.3553.0	76	92.002.5153.1	72
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92.231.6004.1	16	92.232.2003.3	20	92.232.3064.1	23	92.232.5060.1	19
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92.232.7014.3	22	92.238.1010.3	25	92.238.3004.2	29	92.238.5003.1	27
92.232.7014.5	22	92.238.1010.5	25	92.238.3004.3	29	92.238.5003.2	27
92.232.7060.1	19	92.238.1013.1	27	92.238.3004.4	29	92.238.5003.3	27

92.238.5003.4	27	92.238.7000.3	25	92.238.8064.2	30	92.257.2063.8	51
92.238.5003.5	27	92.238.7000.4	25	92.238.8064.3	30	92.257.2063.9	51
92.238.5004.1	29	92.238.7000.5	25	92.238.8064.4	30	92.257.2064.0	52
92.238.5004.2	29	92.238.7003.1	27	92.238.8064.5	30	92.257.2064.1	52
92.238.5004.3	29	92.238.7003.2	27	92.255.1064.2	48	92.257.2064.2	52
92.238.5004.4	29	92.238.7003.3	27	92.255.2064.2	48	92.257.2064.7	52
92.238.5004.5	29	92.238.7003.4	27	92.255.3064.2	48	92.257.2064.8	52
92.238.5010.1	25	92.238.7003.5	27	92.255.4064.2	48	92.257.2064.9	52
92.238.5010.2	25	92.238.7004.1	29	92.255.5064.2	48	92.257.3000.0	50
92.238.5010.3	25	92.238.7004.2	29	92.255.6064.2	48	92.257.3000.1	50
92.238.5010.5	25	92.238.7004.3	29	92.255.7064.2	48	92.257.3000.2	50
92.238.5013.1	27	92.238.7004.4	29	92.255.8064.2	48	92.257.3000.7	50
92.238.5013.2	27	92.238.7004.5	29	92.256.1064.2	49	92.257.3000.9	50
92.238.5013.3	27	92.238.7010.1	25	92.256.2064.2	49	92.257.3003.0	51
92.238.5013.5	27	92.238.7010.2	25	92.256.3064.2	49	92.257.3003.1	51
92.238.5014.1	29	92.238.7010.3	25	92.256.4064.2	49	92.257.3003.2	51
92.238.5014.2	29	92.238.7010.5	25	92.256.5064.2	49	92.257.3003.7	51
92.238.5014.3	29	92.238.7013.1	27	92.256.6064.2	49	92.257.3003.9	51
92.238.5014.5	29	92.238.7013.2	27	92.256.7064.2	49	92.257.3004.0	52
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92.238.5060.2	26	92.238.7013.5	27	92.257.1000.0	50	92.257.3004.2	52
92.238.5060.3	26	92.238.7014.1	29	92.257.1000.1	50	92.257.3004.7	52
92.238.5060.4	26	92.238.7014.2	29	92.257.1000.2	50	92.257.3004.9	52
92.238.5060.5	26	92.238.7014.3	29	92.257.1000.7	50	92.257.3010.1	50
92.238.5063.1	28	92.238.7014.5	29	92.257.1000.9	50	92.257.3014.1	52
92.238.5063.2	28	92.238.7060.1	26	92.257.1003.0	51	92.257.3060.0	50
92.238.5063.3	28	92.238.7060.2	26	92.257.1003.1	51	92.257.3060.1	50
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92.238.5064.2	30	92.238.7063.1	28	92.257.1004.0	52	92.257.3063.0	51
92.238.5064.3	30	92.238.7063.2	28	92.257.1004.1	52	92.257.3063.1	51
92.238.5064.4	30	92.238.7063.3	28	92.257.1004.2	52	92.257.3063.2	51
92.238.5064.5	30	92.238.7063.4	28	92.257.1004.7	52	92.257.3063.7	51
92.238.6000.1	25	92.238.7063.5	28	92.257.1004.9	52	92.257.3063.8	51
92.238.6000.2	25	92.238.7064.1	30	92.257.1060.0	50	92.257.3063.9	51
92.238.6000.3	25	92.238.7064.2	30	92.257.1060.1	50	92.257.3064.0	52
92.238.6000.4	25	92.238.7064.3	30	92.257.1060.2	50	92.257.3064.1	52
92.238.6000.5	25	92.238.7064.4	30	92.257.1060.8	50	92.257.3064.2	52
92.238.6003.1	27	92.238.7064.5	30	92.257.1060.9	50	92.257.3064.7	52
92.238.6003.2	27	92.238.8000.1	25	92.257.1063.0	51	92.257.3064.8	52
92.238.6003.3	27	92.238.8000.2	25	92.257.1063.1	51	92.257.3064.9	52
92.238.6003.4	27	92.238.8000.3	25	92.257.1063.2	51	92.257.4000.0	50
92.238.6003.5	27	92.238.8000.4	25	92.257.1063.7	51	92.257.4000.1	50
92.238.6004.1	29	92.238.8000.5	25	92.257.1063.8	51	92.257.4000.2	50
92.238.6004.2	29	92.238.8003.1	27	92.257.1063.9	51	92.257.4000.7	50
92.238.6004.3	29	92.238.8003.2	27	92.257.1064.0	52	92.257.4000.9	50
92.238.6004.4	29	92.238.8003.3	27	92.257.1064.1	52	92.257.4003.0	51
92.238.6004.5	29	92.238.8003.4	27	92.257.1064.2	52	92.257.4003.1	51
92.238.6010.1	25	92.238.8003.5	27	92.257.1064.7	52	92.257.4003.2	51
92.238.6010.2	25	92.238.8004.1	29	92.257.1064.8	52	92.257.4003.7	51
92.238.6010.3	25	92.238.8004.2	29	92.257.1064.9	52	92.257.4003.9	51
92.238.6010.5	25	92.238.8004.3	29	92.257.2000.0	50	92.257.4004.0	52
92.238.6013.1	27	92.238.8004.4	29	92.257.2000.1	50	92.257.4004.1	52
92.238.6013.2	27	92.238.8004.5	29	92.257.2000.2	50	92.257.4004.2	52
92.238.6013.3	27	92.238.8010.1	25	92.257.2000.7	50	92.257.4004.7	52
92.238.6013.5	27	92.238.8010.2	25	92.257.2000.9	50	92.257.4004.9	52
92.238.6014.1	29	92.238.8010.3	25	92.257.2003.0	51	92.257.4010.1	50
92.238.6014.2	29	92.238.8010.5	25	92.257.2003.1	51	92.257.4014.1	52
92.238.6014.3	29	92.238.8013.1	27	92.257.2003.2	51	92.257.4060.0	50
92.238.6014.5	29	92.238.8013.2	27	92.257.2003.7	51	92.257.4060.1	50
92.238.6060.1	26	92.238.8013.3	27	92.257.2003.9	51	92.257.4060.2	50
92.238.6060.2	26	92.238.8013.5	27	92.257.2004.0	52	92.257.4060.8	50
92.238.6060.3	26	92.238.8014.1	29	92.257.2004.1	52	92.257.4060.9	50
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92.238.6060.5	26	92.238.8014.3	29	92.257.2004.7	52	92.257.4063.1	51
92.238.6063.1	28	92.238.8014.5	29	92.257.2004.9	52	92.257.4063.2	51
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92.238.6063.4	28	92.238.8060.3	26	92.257.2060.0	50	92.257.4063.9	51
92.238.6063.5	28	92.238.8060.4	26	92.257.2060.1	50	92.257.4064.0	52
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92.238.6064.2	30	92.238.8063.1	28	92.257.2060.8	50	92.257.4064.2	52
92.238.6064.3	30	92.238.8063.2	28	92.257.2060.9	50	92.257.4064.7	52
92.238.6064.4	30	92.238.8063.3	28	92.257.2063.0	51	92.257.4064.8	52
92.238.6064.5	30	92.238.8063.4	28	92.257.2063.1	51	92.257.4064.9	52
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92.257.5000.9	50	92.257.7060.1	50	92.258.6063.9	54	92.258.2060.9	53
92.257.5003.0	51	92.257.7060.2	50	92.258.6064.1	54	92.258.2063.1	54
92.257.5003.1	51	92.257.7060.8	50	92.258.6064.2	54	92.258.2063.2	54
92.257.5003.2	51	92.257.7060.9	50	92.258.6064.9	54	92.258.2063.9	54
92.257.5003.7	51	92.257.7063.0	51	92.258.7000.1	53	92.258.2064.1	54
92.257.5003.9	51	92.257.7063.1	51	92.258.7000.2	53	92.258.2064.2	54
92.257.5004.0	52	92.257.7063.2	51	92.258.7000.9	53	92.258.2064.9	54
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92.257.5004.2	52	92.257.7063.8	51	92.258.7003.2	54	92.258.3000.2	53
92.257.5004.7	52	92.257.7063.9	51	92.258.7003.9	54	92.258.3000.9	53
92.257.5004.9	52	92.257.7064.0	52	92.258.7004.1	54	92.258.3003.1	54
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92.257.6060.2	50	92.257.8064.9	52	92.297.1060.0	19	92.258.5000.9	53
92.257.6060.8	50	92.258.1000.1	53	92.297.1060.7	19	92.258.5003.1	54
92.257.6060.9	50	92.258.1000.2	53	92.297.1063.0	21	92.258.5003.2	54
92.257.6063.0	51	92.258.1000.9	53	92.297.1063.7	21	92.258.5003.9	54
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92.257.6063.2	51	92.258.1003.2	54	92.297.1064.7	23	92.258.5004.2	54
92.257.6063.7	51	92.258.1003.9	54	92.297.2000.0	18	92.258.5004.9	54
92.257.6063.8	51	92.258.1004.1	54	92.297.2000.7	18	92.258.5060.1	53
92.257.6063.9	51	92.258.1004.2	54	92.297.2003.0	20	92.258.5060.2	53
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92.257.6064.1	52	92.258.1060.1	53	92.297.2004.0	22	92.258.5063.1	54
92.257.6064.2	52	92.258.1060.2	53	92.297.2004.7	22	92.258.5063.2	54
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92.257.6064.8	52	92.258.1063.1	54	92.297.2060.7	19	92.258.5064.1	54
92.257.6064.9	52	92.258.1063.2	54	92.297.2063.0	21	92.258.5064.2	54
92.257.7000.0	50	92.258.1063.9	54	92.297.2063.7	21	92.258.5064.9	54
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92.257.7000.2	50	92.258.1064.2	54	92.297.2064.7	23	92.258.6000.2	53
92.257.7000.7	50	92.258.1064.9	54	92.297.3000.0	18	92.258.6000.9	53
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92.257.7003.0	51	92.258.2000.2	53	92.297.3003.0	20	92.258.6003.2	54
92.257.7003.1	51	92.258.2000.9	53	92.297.3003.7	20	92.258.6003.9	54
92.257.7003.2	51	92.258.2003.1	54	92.297.3004.0	22	92.258.6004.1	54
92.257.7003.7	51	92.258.2003.2	54	92.297.3004.7	22	92.258.6004.2	54
92.257.7003.9	51	92.258.2003.9	54	92.297.3060.0	19	92.258.6004.9	54
92.257.7004.0	52	92.258.2004.1	54	92.297.3060.7	19	92.258.6060.1	53
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92.297.5004.7	22	92.931.4053.0	6	92.953.5153.0	42	94.425.1063.7	126
92.297.5060.0	19	92.931.5053.0	6	92.953.5253.0	42	94.425.1064.7	128
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G2.232.1060.7	182	G2.232.6063.7	183	G2.238.4060.7	185	G3.032.0402.1	18
G2.232.1063.1	21	G2.232.6064.1	23	G2.238.4063.1	28	G3.032.0403.1	25
G2.232.1063.1	183	G2.232.6064.1	184	G2.238.4063.1	186	G3.032.0403.2	25
G2.232.1063.2	21	G2.232.6064.2	23	G2.238.4063.2	28	G3.032.0502.1	18
G2.232.1063.2	183	G2.232.6064.2	184	G2.238.4063.2	186	G3.032.0502.2	18
G2.232.1063.7	183	G2.232.6064.7	184	G2.238.4063.7	186	G3.032.0503.1	25
G2.232.1064.1	23	G2.232.7060.1	19	G2.238.4064.1	30	G3.032.0503.2	25
G2.232.1064.1	184	G2.232.7060.1	182	G2.238.4064.1	187	G3.032.0602.1	18
G2.232.1064.2	23	G2.232.7060.2	19	G2.238.4064.2	187	G3.032.0603.1	25
G2.232.1064.2	184	G2.232.7060.2	182	G2.238.4064.7	187	G3.032.0603.2	25
G2.232.1064.7	184	G2.232.7060.7	182	G2.238.5060.1	26	G3.032.0702.1	18
G2.232.2060.1	19	G2.232.7063.1	183	G2.238.5060.1	185	G3.032.0703.1	25
G2.232.2060.1	182	G2.232.7063.2	183	G2.238.5060.2	26	G3.032.0703.2	25
G2.232.2060.2	19	G2.232.7063.7	183	G2.238.5060.2	185	G3.032.0802.1	18
G2.232.2060.2	182	G2.232.7064.1	23	G2.238.5060.7	185	G3.032.0803.1	25
G2.232.2060.7	182	G2.232.7064.1	184	G2.238.5063.1	28	G3.032.0803.2	25
G2.232.2063.1	21	G2.232.7064.2	23	G2.238.5063.1	186	G3.032.0803.2	25
G2.232.2063.1	183	G2.232.7064.2	184	G2.238.5063.2	28	G3.032.0803.2	25
G2.232.2063.2	21	G2.232.7064.7	184	G2.238.5063.2	186	G3.032.0902.1	18
G2.232.2063.2	183	G2.232.8060.1	19	G2.238.5063.7	186	G3.032.0903.1	25
G2.232.2063.7	183	G2.232.8060.1	182	G2.238.5064.1	30	G3.032.0903.2	25
G2.232.2064.1	23	G2.232.8060.2	19	G2.238.5064.1	187	G3.032.0903.2	25
G2.232.2064.1	184	G2.232.8060.2	182	G2.238.5064.2	187	G3.032.0903.2	25
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G2.232.2064.2	184	G2.232.8063.1	183	G2.238.6060.1	26	G3.032.0903.2	25
G2.232.2064.7	184	G2.232.8063.2	183	G2.238.6060.1	185	G3.032.0903.2	25
G2.232.3060.1	19	G2.232.8063.7	183	G2.238.6060.2	26	G3.032.0903.2	25
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G2.232.3060.2	19	G2.232.8064.1	184	G2.238.6060.7	185	G3.032.0903.2	25
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G2.232.3063.1	183	G2.238.1060.1	26	G2.238.6063.2	186	G3.032.0903.2	25
G2.232.3063.2	21	G2.238.1060.1	185	G2.238.6063.2	186	G3.032.0903.2	25
G2.232.3063.2	183	G2.238.1060.2	26	G2.238.6063.7	186	G3.032.0903.2	25
G2.232.3063.7	183	G2.238.1060.2	185	G2.238.6064.1	30	G3.032.0903.2	25
G2.232.3064.1	23	G2.238.1060.7	185	G2.238.6064.1	187	G3.032.0903.2	25
G2.232.3064.1	184	G2.238.1063.1	28	G2.238.6064.2	30	G3.032.0903.2	25
G2.232.3064.2	23	G2.238.1063.1	186	G2.238.6064.2	187	G3.032.0903.2	25
G2.232.3064.2	184	G2.238.1063.2	186	G2.238.6064.7	187	G3.032.0903.2	25
G2.232.3064.7	184	G2.238.1063.7	186	G2.238.7060.1	26	G3.032.0903.2	25
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G3.432.0402.1	22	G5.061.0303.8	177	G5.361.0303.8	176	G5.461.0303.8	178
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G3.432.0403.2	29	G5.061.0503.8	177	G5.361.0503.8	176	G5.461.0503.8	178
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G5.051.0203.5	177	G5.351.0203.5	176	G5.451.0203.5	178		
G5.051.0203.7	177	G5.351.0203.7	176	G5.451.0203.7	178		
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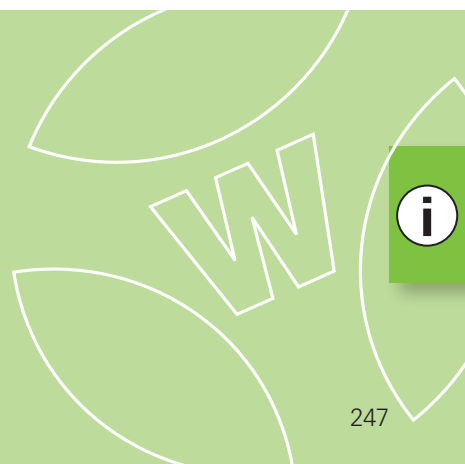


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  - Compact safety controllers
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  - Remote maintenance via VPN industrial router and VPN service portal
  - Industrial Ethernet switches
  - PLC and I/O systems, standard and increased environmental conditions
- Interface
  - Power supply units
  - Overvoltage protection
  - Coupling relays, semiconductor switches
  - Timer relays, measuring and monitoring relays
  - Analog coupling and converter modules
  - Passive interfaces

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  - Degree of protection up to IP 69
  - Current-carrying capacity up to 100 A
  - Connectors for hazardous areas
  - Modular, application-specific technology

### PC board terminals and connectors

- Screw or spring clamp connection technology
- Spacings: 3.5 mm to 10.16 mm
- Reflow or wave soldering process

## Building and installation technology

- Building installation systems
  - Main power supply connectors IP 20/IP 65 ... IP 69
  - Bus connectors
  - Low-voltage connectors
  - Power distribution system with flat cables
  - Distribution systems
  - Room automation with KNX, EnOcean, SMI and DALI
  - DIN rail terminal blocks for electrical installations
  - Overvoltage protection