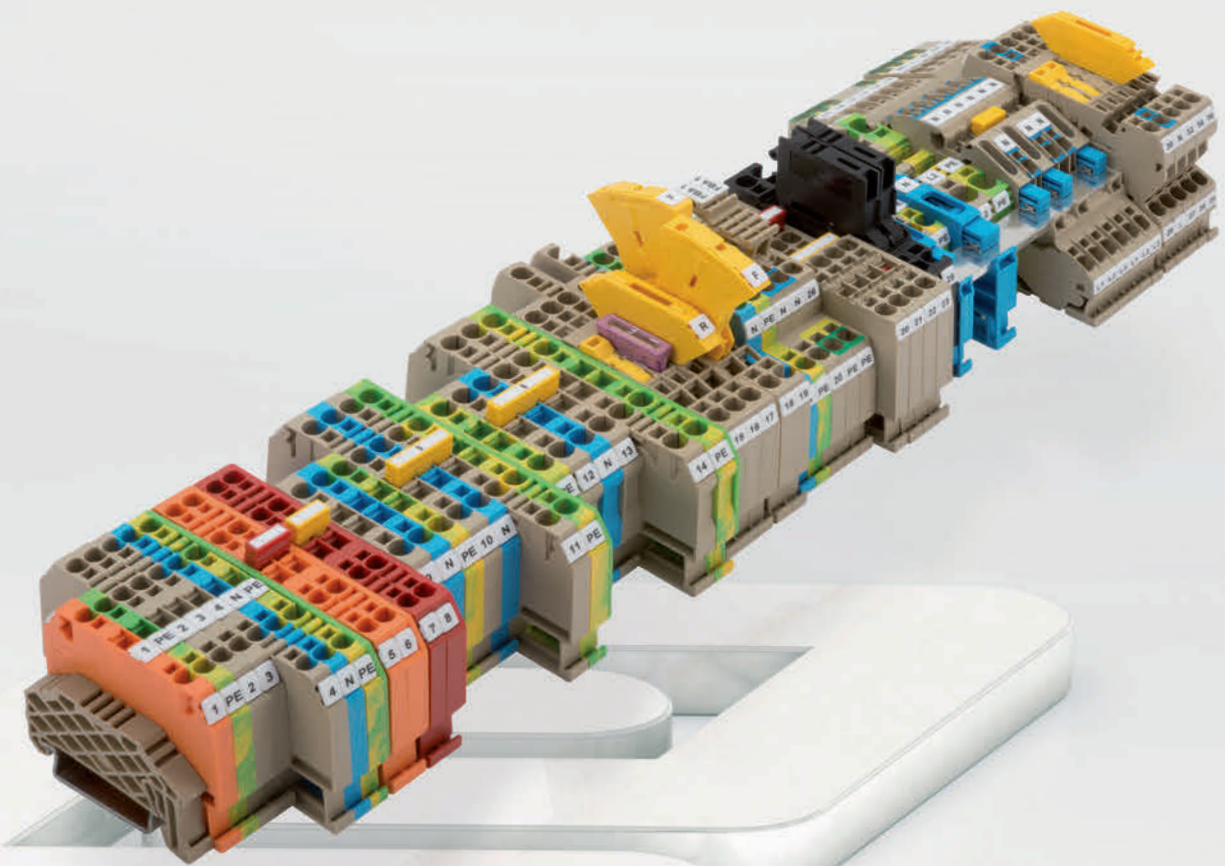


CONTA CONNECT
SUPPLEMENTS



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The Company

Founded and kept in the family since 1977: **CONTA-CLIP** is an owner-operated company that is a mid-sized global player. Users of electrical and electronic connectivity components have come to trust us for our reliable products. They also trust in our wide-reaching competence within the market and industry which has evolved over many years. In the years since our company was founded, we have evolved from a manufacturer to an innovator.

Our employees are connectivity specialists coming from a wide variety of backgrounds. They understand the specific problems, requirements and challenges of our customers. This ensures communication among equals. We then invest our gains directly into maintaining a modern and efficient production process. This allows us to maintain the most modern machinery at our facilities. We develop and produce the tooling ourselves. We neither make nor accept any compromise in the quality of materials used in our products.

Our top-class products are supported by this interplay between top-class men and machinery. We have also designed our range of services to align with customer needs. We develop electronics, assemble terminal rails, take care of component labelling, and deliver completely populated housings when needed – totally customized and expedited.

Our passion and concern for our customers' challenges does not end after we've delivered our solution. **CONTA-CLIP** customer representatives are always ready to offer their support to the customer, because service and support are our top priorities.

You can learn more about product innovations, trade fair dates, press releases, and more at our official **CONTA-CLIP** web site.

If you want to make sure you do not miss any news, subscribe with no obligation to our **CONTA-CLIP** e-mail newsletter.

www.conta-clip.com

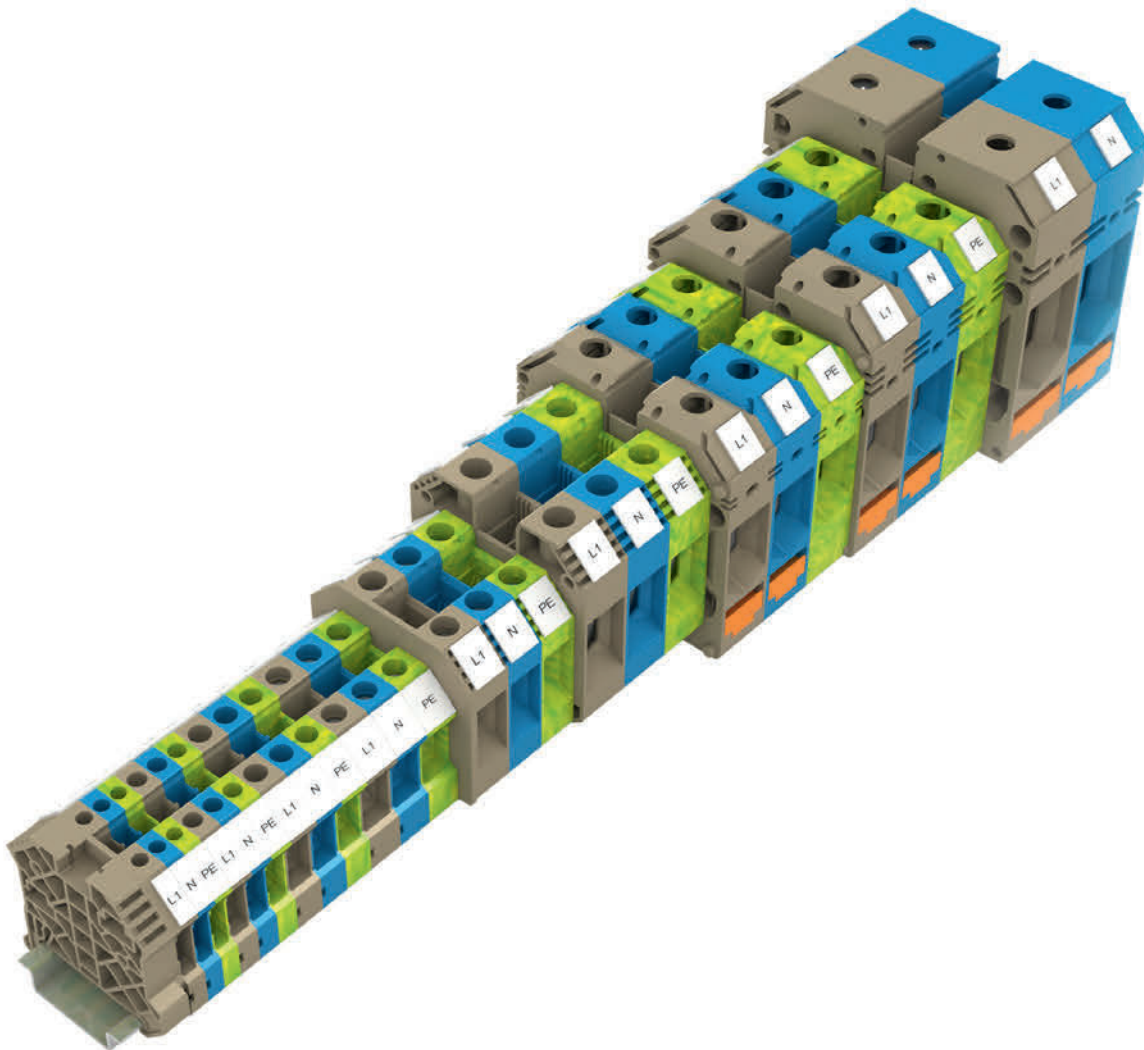


Screw connection system SRK | SSL



CONTA-CLIP offers an innovative line of feed-through and protective-earth terminals featuring the proven screw-connection system for cross-sections ranging all the way from 0.08 mm² to 120 mm². The screw-connection mechanism is easy to operate and can be used to establish a quick, safe connection using solid and flexible wires with or without wire-end ferrules. The protective-earth terminals feature a PE foot contact that is snapped on without screws, ensuring mechanical and electrical safety.

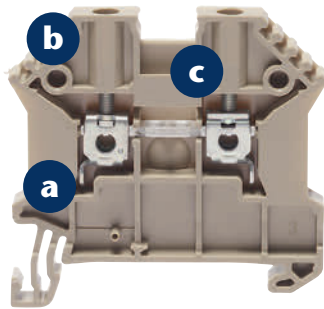
Our well-designed line of accessories allows you to significantly reduce your installation and storage costs. The **SQI** pluggable potential distribution system can be used to multiply potential voltages horizontally. All of the insulating materials used in this product line are free of pollutants. They also comply with flammability class V0 (self-extinguishing) according to UL 94.



a The connection | Contact security

The clamping yoke transmits pressure from the screw to clamp the conductor against the busbar. The required contact force is generated by the torque applied to the screw.

- Rising clamp design
- High contact force and contact security | Minimal contact resistance
- Clear separation of electrical and mechanical functions
- Clamping yoke made from hardened steel: galvanized, chrome-plated and additionally thick-film passivated
- Busbars made of copper with tin surface treatment
- Resistant to vibration and maintenance-free
- Corrosion-free
- Low voltage drop
- Compact design
- Foot can be snapped on TS 35 DIN rail



c Pluggable cross-connection options

Distributing potentials with the pluggable **SQI** cross-connection system is quick and easy.

Two cross-connection channels allow two voltages to be fed across when working with the standard terminals with rated cross-sections of 2.5 mm², 4 mm², 6 mm² and 10 mm².

- Available in 2 to 10 and 30 poles
- Simple to insert and thus quicker to install
- No insulation plates or partition plates required between neighbouring cross-connections, since the **SQIs** have a touch-safe protective design
- Cross-connection can carry the full rated current and voltage of the corresponding terminal block
- Individual terminals can be skipped over by breaking out contact pins in the cross-connector

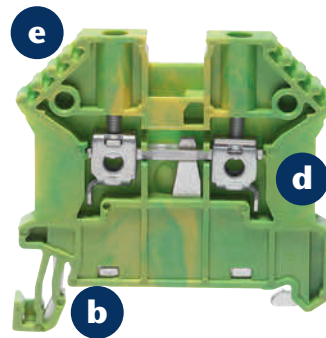
Feature

The **RK 2.5** to **SRK 10** feed-through terminals have a rail adapter built into the lower part of the terminal housing. This allows the cable shield from a control or data line to be connected in addition to the individual wires.

b Easy and safe to wire with an established connection system

The screw-connection mechanism is easy to operate and can be used to establish a quick, safe connection using solid and flexible wires with or without wire-end ferrules.

- Simple and self-explanatory usage
- Can be used around the world
- A connection mechanism that has proven itself in millions of applications
- Generous wire-entry geometry
- Connection of multiple wires is possible
- PE foot contact on both sides – can be snapped on (no screws) to TS 35 x 7.5 and TS 35 x 15 rails



d Housing insulation material

- Polyamide PA6.6 UL 94, flammability class V0, self-extinguishing without burning drops
- Free of hazardous materials such as halogen or phosphor
- Creepage resistance: CTI 600
- Operating temperature from -40°C to +120°C

e Marking options

The standard terminals feature four labelling channels. They can be fitted with four **PMC SB** labelling tags or two **PMC BSTR** tags.

Screw connection system SRK | SSL

Compact with identical shapes

The external size and shape are identical for the **SRK** feed-through terminal and the **SSL PE** terminal in the cross-sections 2.5 mm², 4 mm², 6 mm² and 10 mm². Identical end plates and partition plates can thus be used. The width (pitch) of the terminal blocks is as follows: 2.5 mm² (5 mm), 4 mm² (6 mm), 6 mm² (8 mm) and 10 mm² (10 mm). Despite their small size, the **SRK** feed-through terminals have a rated voltage range of up to 1000 V.



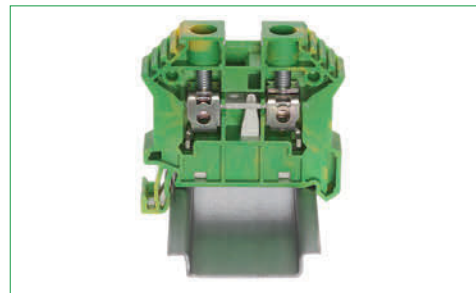
Large wire-entry bay and connection space

The wire-entry bay is very spacious – this permits quick wiring of solid or flexible wires, with or without wire-end ferrules. The rated cross-sections specified in our documentation correspond to a connection with stranded wires using wire-end ferrules. It is also possible to use solid wires up to the next larger cross-section size.



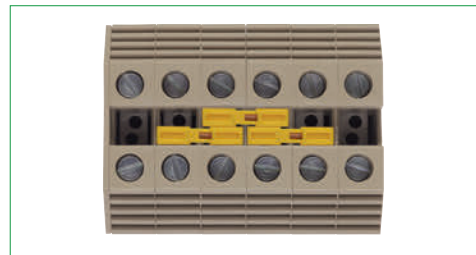
Security and stability

The insulated terminal housing with its special foot shape guarantees a convenient snap-on to the rail and a secure mount (on TS 35 x 7.5 and TS 35 x 15 according to EN 60715). Metal parts – including screws, clamping yoke, busbars, and PE foot – are securely mounted within the terminal housing. In addition, the screws are held captive from above by a screw brake mechanism. The PE terminals (**SSL 2.5** to **SSL 35**) have a PE foot contact on both sides. It can be snapped on to rails (TS 35 x 7.5 and TS 35 x 15) with no need for screws and provides optimal mechanical and electrical security.



Cross-connection system

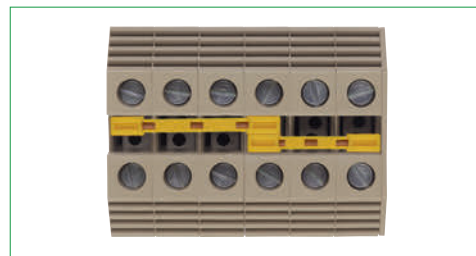
The standard feed-through terminals from 2.5 mm² to 35 mm² feature two cross-connection channels. So the two-pole **SQI.../2** cross-connectors can be used to connect any number of terminals with each other.



Distributing potentials

The **SQI 2.5** to **SQI 10** cross-connectors are available with 2 to 10 poles and with 30 poles. Two cross-connection channels allow two voltages to be fed across when working with the standard terminals with rated cross-sections of 2.5 mm², 4 mm², 6 mm² and 10 mm².

It is possible to shorten the **SQI** cross-connection with a cutting tool. The **SQI** system allows you to maintain touch-protection safety by covering the cut (uninsulated) end with a **SQIK** insulation cap.



Skip-over bridging

It is possible to skip over terminal blocks by breaking out individual contact poles. You can mark these contact elements using the plastic insulation of the cross-connector.



Power feed with small cross-sections

Screw terminals with larger cross-sections and standard cross-connectors can connect to a single terminal of the next size up for the power feed-in. The **SQI** cross-connection system can carry the rated voltage and rated current.



Easy to service

The 30-pole **SQI** cross-connector features a numbered scale which allows the user to easily count off the number of required poles.



Labelling

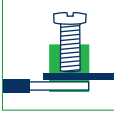

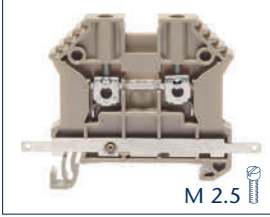
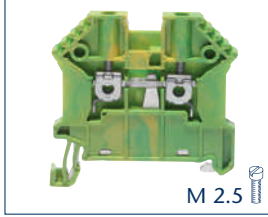
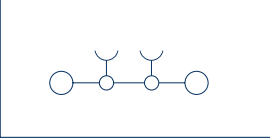
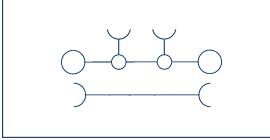
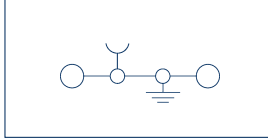
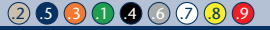


High-quality, quick and concise labelling is possible when using the **PMC SB**, **PMC BSTR** and **MC** labelling systems. The standard terminals feature up to four labelling channels.




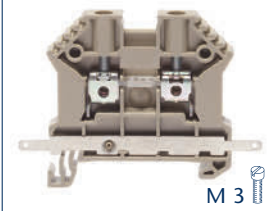

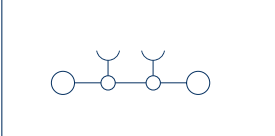
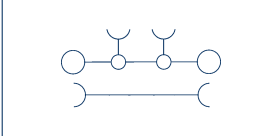
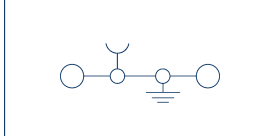
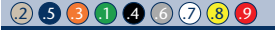


A comprehensive line of accessories

- DIN rails
- Mechanical attachment | End stops
- Group marker holders
- End plates | Visual separation
- Cross-connections (potential distribution)
- Covers

Feed-through terminals SRK | Protective earth terminals SSL

Screw connection system	SRK 2.5/2A	SRK 2.5/2A SAS	SSL 2.5/2A
 <ul style="list-style-type: none"> Foot can be snapped on TS 35 DIN rail Housing made from polyamide 6.6 UL 94-V0 	 <p>M 2.5</p>	 <p>M 2.5</p>	 <p>M 2.5</p>
Connection diagram			
	Feed-through terminal 2 connections	Feed-through terminal, 2 connections with shield connection rail	PE terminal 2 connections
Connection type Size (L x W x H) mm, with TS 35 x 7.5 mm Type Type Colour Cat. no.	Screw connection 48 x 5 x 47 SRK 2.5/2A BG 17100.2 100 SRK 2.5/2A BU 17100.5 100	Screw connection 62.5 x 5 x 47 SRK 2.5/2A SAS BG 17119.2 80 SRK 2.5/2A SAS BU 17119.5 80	Screw connection 48 x 5 x 47 SSL 2.5/2A GNYE 17103.2 100
Type Colour Cat. no. Type Colour Cat. no. Type Colour Cat. no.			
Colours available Ratings Rated voltage, V Rated current, A Max. current capacity, A Rated wire cross-section, mm ² AWG Rated impulse voltage, kV Contamination degree Plug gauge acc. to EN 60 947-1 Flamm. class acc. to UL 94	 IEC UL CSA 1000 600 600 24 32 25 25 2.5 30-12 8 3 A3 V0	 IEC 400 24 32 2.5 30-12 8 3 A3 V0	 IEC UL CSA 2.5 30-12 8 3 A3 V0
Connection data Single wire (solid) stranded (flexible), mm ² Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm ² Contact wire range, mm ² Stripping length, mm Torque, Nm Screw Special connection, mm	0.2-4 - 0.2-4 0.2-2.5 0.2-4 10 0.4-0.8 Slotted M 2.5	0.2-4 - 0.2-4 0.2-2.5 0.2-4 10 0.4-0.8 Slotted M 2.5 Fast-on 2.8	0.2-4 - 0.2-4 0.2-2.5 0.2-4 10 0.4-0.8 Slotted M 2.5
Features Material of insulated housing Temperature range Number of cross-connection channels Test pick-off option	PA 6.6 -40 to +120°C 2 1	PA 6.6 -40 to +120°C 2 1	PA 6.6 -40 to +120°C 1 1
Accessories End plate AP Cat. no. Pick-off terminal SMAG Cat. no. Partition plate TW Cat. no. Insulating cap SQIK for cross-connector Cat. no. Insulated cross-connection SQI Cat. no. Insulated cross-connection SQI Cat. no. Insulated cross-connection SQI Cat. no. Insulated cross-connection SQI Cat. no. Insulated cross-connection SQI Cat. no. Insulated cross-connection SQI Cat. no. Insulated cross-connection SQI Cat. no. End stop SES Cat. no. Screwdriver SDB Cat. no. Quick marking PMC SB Cat. no.	AP 2.5-10 BG 2001.2 50 TW 2.5-10 BG 2002.2 50 SQIK 2.5-10 YE 17200.8 20 SQI 2.5/2 YE 17201.8 50 SQI 2.5/3 YE 17202.8 50 SQI 2.5/4 YE 17203.8 20 SQI 2.5/5 YE 17204.8 20 SQI 2.5/6 YE 17205.8 20 SQI 2.5/7 YE 17206.8 20 SQI 2.5/8 YE 17207.8 10 SQI 2.5/9 YE 17208.8 10 SQI 2.5/10 YE 17209.8 10 SQI 2.5/30 YE 17210.8 5 SES 35 BG 17250.2 50 SDB 0.5x3.0 1085.0 1 PMC SB 5/50 WH 4600.7 500	AP 2.5-10 BG 2001.2 50 TW 2.5-10 BG 2002.2 50 SQIK 2.5-10 YE 17200.8 20 SQI 2.5/2 YE 17201.8 50 SQI 2.5/3 YE 17202.8 50 SQI 2.5/4 YE 17203.8 20 SQI 2.5/5 YE 17204.8 20 SQI 2.5/6 YE 17205.8 20 SQI 2.5/7 YE 17206.8 20 SQI 2.5/8 YE 17207.8 10 SQI 2.5/9 YE 17208.8 10 SQI 2.5/10 YE 17209.8 10 SQI 2.5/30 YE 17210.8 5 SES 35 BG 17250.2 50 SDB 0.5x3.0 1085.0 1 PMC SB 5/50 WH 4600.7 500	AP 2.5-10 GN 2001.1 50 TW 2.5-10 BG 2002.2 50 SQIK 2.5-10 YE 17200.8 20 SQI 2.5/2 YE 17201.8 50 SQI 2.5/3 YE 17202.8 50 SQI 2.5/4 YE 17203.8 20 SQI 2.5/5 YE 17204.8 20 SQI 2.5/6 YE 17205.8 20 SQI 2.5/7 YE 17206.8 20 SQI 2.5/8 YE 17207.8 10 SQI 2.5/9 YE 17208.8 10 SQI 2.5/10 YE 17209.8 10 SQI 2.5/30 YE 17210.8 5 SES 35 BG 17250.2 50 SDB 0.5x3.0 1085.0 1 PMC SB 5/50 WH 4600.7 500

Feed-through terminals SRK | Protective earth terminals SSL

SRK 4/2A	SRK 4/2A SAS	SSL 4/2A		
 M 3	 M 3	 M 3		
				
Feed-through terminal 2 connections	Feed-through terminal, 2 connections with shield connection rail	PE terminal 2 connections		
Screw connection 48 x 6 x 47	Screw connection 62.5 x 6 x 47	Screw connection 48 x 6 x 47		
Qty.	Qty.	Qty.		
SRK 4/2A BG 17104.2 100	SRK 4/2A SAS BG 17116.2 80	SSL 4/2A GNYE 17107.2 100		
SRK 4/2A BU 17104.5 100	SRK 4/2A SAS BU 17116.5 80			
				
IEC 1000 32 41 4 26-10 8 3 A4 V0 0.2-6 - 0.2-6 0.2-4 0.2-6 10 0.5-1.0 Slotted M 3	IEC 400 32 41 4 26-10 8 3 A4 V0 0.2-6 - 0.2-6 0.2-4 0.2-6 10 0.5-1.0 Slotted M 3 Fast-on 2.8	IEC 2 UL CSA 4 26-10 8 3 A4 V0 0.2-6 - 0.2-6 0.2-4 0.2-6 10 0.5-1.0 Slotted M 3		
PA 6.6 -40 to +120°C 2 1	PA 6.6 -40 to +120°C 2 1	PA 6.6 -40 to +120°C 1 1		
Qty.	Qty.	Qty.		
AP 2.5-10 BG 2001.2 50	AP 2.5-10 BG 2001.2 50	AP 2.5-10 GN 2001.1 50		
SMAG 4/2.5 BG 17120.2 10	SMAG 4/2.5 BG 17120.2 10	SMAG 4/2.5 BG 17120.2 10		
TW 2.5-10 BG 2002.2 50	TW 2.5-10 BG 2002.2 50	TW 2.5-10 BG 2002.2 50		
SQIK 2.5-10 YE 17200.8 20	SQIK 2.5-10 YE 17200.8 50	SQIK 2.5-10 YE 17200.8 50		
SQI 4/2 YE 17211.8 50	SQI 4/2 YE 17211.8 50	SQI 4/2 YE 17211.8 50		
SQI 4/3 YE 17212.8 50	SQI 4/3 YE 17212.8 20	SQI 4/3 YE 17212.8 20		
SQI 4/4 YE 17213.8 20	SQI 4/4 YE 17213.8 20	SQI 4/4 YE 17213.8 20		
SQI 4/5 YE 17214.8 20	SQI 4/5 YE 17214.8 20	SQI 4/5 YE 17214.8 20		
SQI 4/6 YE 17215.8 20	SQI 4/6 YE 17215.8 20	SQI 4/6 YE 17215.8 20		
SQI 4/7 YE 17216.8 20	SQI 4/7 YE 17216.8 10	SQI 4/7 YE 17216.8 10		
SQI 4/8 YE 17217.8 10	SQI 4/8 YE 17217.8 10	SQI 4/8 YE 17217.8 10		
SQI 4/9 YE 17218.8 10	SQI 4/9 YE 17218.8 10	SQI 4/9 YE 17218.8 10		
SQI 4/10 YE 17219.8 10	SQI 4/10 YE 17219.8 10	SQI 4/10 YE 17219.8 10		
SQI 4/30 YE 17220.8 5	SQI 4/30 YE 17220.8 5	SQI 4/30 YE 17220.8 5		
SES 35 BG 17250.2 50	SES 35 BG 17250.2 50	SES 35 BG 17250.2 50		
SDB 0.6x3.5 1086.0 1	SDB 0.6x3.5 1086.0 1	SDB 0.6x3.5 1086.0 1		
PMC SB 6/50 WH 4702.7 500	PMC SB 6/50 WH 4702.7 500	PMC SB 6/50 WH 4702.7 500		

Feed-through terminals SRK | Protective earth terminals SSL

Screw connection system



- Foot can be snapped on TS 35 DIN rail
- Housing made from polyamide 6.6 UL 94-V0

Connection diagram

Connection type

Size (L x W x H) mm, with TS 35 x 7.5 mm

Type

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Colours available

Ratings

Rated voltage, V

Rated current, A | Max. current capacity, A

Rated wire cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) | stranded (flexible), mm²

Finely-stranded|finely-stranded (w/ferrules DIN 46 228/1), mm²

Contact wire range, mm²

Stripping length, mm

Torque, Nm | Screw

Special connection, mm

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off option

Accessories

End plate AP

Cat. no.

Pick-off terminal SMAG

Cat. no.

Partition plate TW

Cat. no.

Insulating cap SQIK for cross-connector

Cat. no.

Insulated cross-connection SQI

Cat. no.

Insulated cross-connection SQI

Cat. no.

Insulated cross-connection SQI

Cat. no.

Insulated cross-connection SQI

Cat. no.

Insulated cross-connection SQI

Cat. no.

Insulated cross-connection SQI

Cat. no.

Insulated cross-connection SQI

Cat. no.

End stop SES

Cat. no.

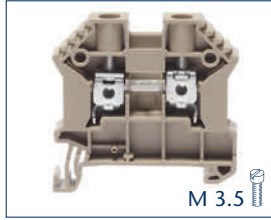
Screwdriver SDB

Cat. no.

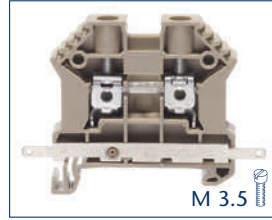
Quick marking PMC SB

Cat. no.

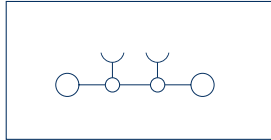
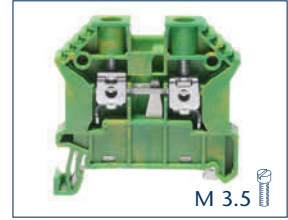
SRK 6/2A



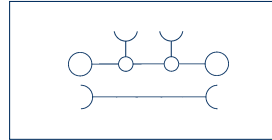
SRK 6/2A SAS



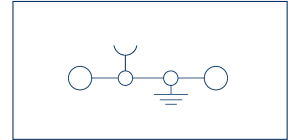
SSL 6/2A



Feed-through terminal
2 connections



Feed-through terminal, 2 connections
with shield connection rail



PE terminal
2 connections

Screw connection

48 x 8 x 47

Qty.

SRK 6/2A BG

17108.2 100

SRK 6/2A BU

17108.5 100

Screw connection

62.5 x 8 x 47

Qty.

SRK 6/2A SAS BG

17117.2 80

SRK 6/2A SAS BU

17117.5 80

screw connection

48 x 8 x 47

Qty.

SSL 6/2A GNYE

17111.2 100

② ⑤ ③ ① ④ ⑥ ⑦ ⑧ ⑨

IEC UL CSA

1000 600 600

41 | 57 50 50

10 | 22-8

8 | 3

A5 | V0

Connection data

0.2-10 | 0.2-10

0.2-10 | 0.2-6

0.2-10

10

1.2-2.0 | Slotted M 3.5

PA 6.6 | -40 to +120°C

2 | 1

Qty.

AP 2.5-10 BG

2001.2 50

SMAG 6/4 BG

17121.2 10

TW 2.5-10 BG

2002.2 50

SQIK 2.5-10 YE

17200.8 20

SQI 6/2 YE

17221.8 50

SQI 6/3 YE

17222.8 50

SQI 6/4 YE

17223.8 20

SQI 6/5 YE

17224.8 20

SQI 6/6 YE

17225.8 20

SQI 6/7 YE

17226.8 20

SQI 6/8 YE

17227.8 10

SQI 6/9 YE

17228.8 10

SQI 6/10 YE

17229.8 10

SQI 6/30 YE

17230.8 5

SES 35 BG

17250.2 50

SDB 0.8x4.0

1087.0 1

PMC SB 8/40 WH

9323.7 400

② ⑤ ③ ① ④ ⑥ ⑦ ⑧ ⑨

IEC

320

41 | 57

10 | 22-8

8 | 3

A5 | V0

Connection data

0.2-10 | 0.2-10

0.2-10 | 0.2-6

0.2-10

10

1.2-2.0 | Slotted M 3.5

PA 6.6 | -40 to +120°C

2 | 1

Qty.

AP 2.5-10 BG

2001.2 50

SMAG 6/4 BG

17121.2 10

TW 2.5-10 BG

2002.2 50

SQIK 2.5-10 YE

17200.8 20

SQI 6/2 YE

17221.8 50

SQI 6/3 YE

17222.8 50

SQI 6/4 YE

17223.8 20

SQI 6/5 YE

17224.8 20

SQI 6/6 YE

17225.8 20

SQI 6/7 YE

17226.8 20

SQI 6/8 YE

17227.8 10

SQI 6/9 YE

17228.8 10

SQI 6/10 YE

17229.8 10

SQI 6/30 YE

17230.8 5

SES 35 BG

17250.2 50

SDB 0.8x4.0

1087.0 1

PMC SB 8/40 WH

9323.7 400

②

IEC UL CSA

10 | 22-8

8 | 3

A5 | V0

Connection data

0.2-10 | 0.2-10

0.2-10 | 0.2-6

0.2-10

10

1.2-2.0 | Slotted M 3.5

PA 6.6 | -40 to +120°C

1 | 1

Qty.

AP 2.5-10 GN

2001.1 50

SMAG 6/4 BG

17121.2 10

TW 2.5-10 BG

2002.2 50

SQIK 2.5-10 YE

17200.8 20

SQI 6/2 YE

17221.8 50

SQI 6/3 YE

17222.8 50

SQI 6/4 YE

17223.8 20

SQI 6/5 YE

17224.8 20

SQI 6/6 YE

17225.8 20

SQI 6/7 YE

17226.8 20

SQI 6/8 YE

17227.8 10

SQI 6/9 YE

17228.8 10

SQI 6/10 YE

17229.8 10

SQI 6/30 YE

17230.8 5

SES 35 BG

17250.2 50

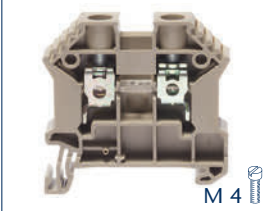
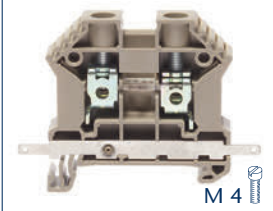
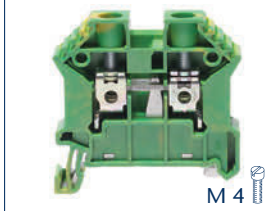
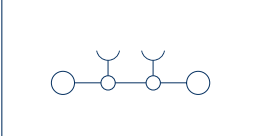
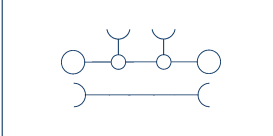
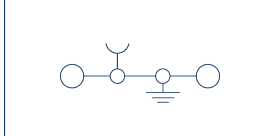
SDB 0.8x4.0

1087.0 1

PMC SB 8/40 WH

9323.7 400

Feed-through terminals SRK | Protective earth terminals SSL

SRK 10/2A	SRK 10/2A SAS	SSL 10/2A		
 M 4	 M 4	 M 4		
				
Feed-through terminal 2 connections	Feed-through terminal, 2 connections with shield connection rail	PE terminal 2 connections		
Screw connection 48 x 10 x 47	Screw connection 62.5 x 10 x 47	Screw connection 48 x 10 x 47		
Qty.	Qty.	Qty.		
SRK 10/2A BG 17112.2 100	SRK 10/2A SAS BG 17118.2 80	SSL 10/2A GNYE 17115.2 100		
SRK 10/2A BU 17112.5 100	SRK 10/2A SAS BU 17118.5 80			
IEC UL CSA	IEC UL CSA	IEC UL CSA		
1000 600 600	250			
57 76 65 65	57 76			
16 18-6	16 18-6	16 18-6		
8 3	8 3	8 3		
B7 V0	B7 V0	B7 V0		
0.2-16 0.2-16	0.2-16 0.2-16	0.2-16 0.2-16		
0.2-16 0.2-10	0.2-16 0.2-10	0.2-16 0.2-10		
0.6-16	0.6-16	0.6-16		
10	10	10		
2.0-4.0 Slotted M 4	2.0-4.0 Slotted M 4 Fast-on 2.8	2.0-4.0 Slotted M 4		
PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C		
2 1	2 1	1 1		
Qty.	Qty.	Qty.		
AP 2.5-10 BG 2001.2 50	AP 2.5-10 BG 2001.2 50	AP 2.5-10 GN 2001.1 50		
SMAG 10/6 BG 17122.2 10	SMAG 10/6 BG 17122.2 10	SMAG 10/6 BG 17122.2 10		
TW 2.5-10 BG 2002.2 50	TW 2.5-10 BG 2002.2 50	TW 2.5-10 BG 2002.2 50		
SQIK 2.5-10 YE 17200.8 20	SQIK 2.5-10 YE 17200.8 50	SQIK 2.5-10 YE 17200.8 50		
SQI 10/2 YE 17231.8 50	SQI 10/2 YE 17231.8 50	SQI 10/2 YE 17231.8 50		
SQI 10/3 YE 17232.8 50	SQI 10/3 YE 17232.8 20	SQI 10/3 YE 17232.8 20		
SQI 10/4 YE 17233.8 20	SQI 10/4 YE 17233.8 20	SQI 10/4 YE 17233.8 20		
SQI 10/5 YE 17234.8 20	SQI 10/5 YE 17234.8 20	SQI 10/5 YE 17234.8 20		
SQI 10/6 YE 17235.8 20	SQI 10/6 YE 17235.8 20	SQI 10/6 YE 17235.8 20		
SQI 10/7 YE 17236.8 20	SQI 10/7 YE 17236.8 10	SQI 10/7 YE 17236.8 10		
SQI 10/8 YE 17237.8 10	SQI 10/8 YE 17237.8 10	SQI 10/8 YE 17237.8 10		
SQI 10/9 YE 17238.8 10	SQI 10/9 YE 17238.8 10	SQI 10/9 YE 17238.8 10		
SQI 10/10 YE 17239.8 10	SQI 10/10 YE 17239.8 10	SQI 10/10 YE 17239.8 10		
SQI 10/30 YE 17240.8 5	SQI 10/30 YE 17240.8 5	SQI 10/30 YE 17240.8 5		
SES 35 BG 17250.2 50	SES 35 BG 17250.2 50	SES 35 BG 17250.2 50		
SDB 0.8x4.0 1087.0 1	SDB 0.8x4.0 1087.0 1	SDB 0.8x4.0 1087.0 1		
PMC SB 8/50 WH 9323.7 500	PMC SB 8/50 WH 9323.7 500	PMC SB 8/50 WH 9323.7 500		

Feed-through terminals SRK | Protective earth terminals SSL

Screw connection system



- Foot can be snapped on TS 35 DIN rail
- Housing made from polyamide 6.6 UL 94-V0

Connection diagram



Feed-through terminal
2 connections

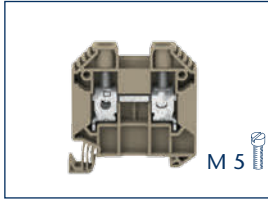


Protective earth terminal
2 connections

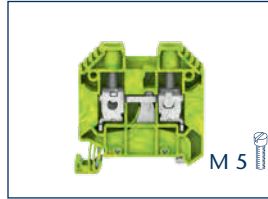


Feed-through terminal
2 connections

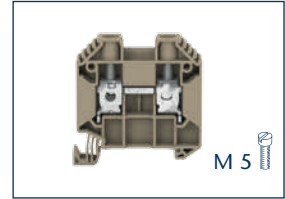
SRK 16/2A



SSL 16/2A



SRK 16/2A/IS



Connection type

Size (L x W x H) mm with TS 35 x 7.5 mm

Screw connection

53 x 12.1 x 55

Screw connection

53 x 12.1 x 55

Screw connection

53 x 12.1 x 55

Type

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Colours available

Ratings

Rated voltage, V

Rated current, A

Rated cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) | stranded, mm²

Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm²

Clamping area, mm²

Stripping length, mm

Torque, Nm | Screw

Special connection

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off option

Accessories

End plate AP

Cat. no.

Insulated cross-connection SQI

Cat. no.

2-pole

Cover

Cat. no.

Cover

Cat. no.

Pick-off terminal

Cat. no.

Screwdriver SDB

Cat. no.

Allen key socket wrench ISKS

Cat. no.

Qty.

SRK 16/2A BG

17124.2

50

SRK 16/2A BU

17124.5

50

SRK 16/2A/Z BG

17125.2

50

② ⑤

IEC*

1000

76 | 101

16 | 16-4

8 | 3

A7 | V0

1.5-25 | -

1-25 | 1-16

1.5-25

14

2.5-3 | Slotted M5

PA 6.6 | -40 to +120°C

2 | 1

Qty.

SAP 16/2A BG

17254.2

20

SQI 16/2 YE

17247.8

20

SAD 1/12 WH

17248.7

20

SAD 1/12/B YE

17249.8

20

SMAG 16/10 BG

17135.2

10

SDB 0.8x4.0

1087.0

1

Qty.

SSL 16/2A GNYE

17130.2

50

②

IEC*

16 | 16-4

8 | 3

A7 | V0

1.5-25 | -

1-25 | 1-16

1.5-25

14

2.5-3 | Slotted M5

PA 6.6 | -40 to +120°C

1 | 1

Qty.

SAP 16/2A GN

17254.1

20

SQI 16/2 YE

17247.8

20

SAD 1/12 WH

17248.7

20

SAD 1/12/B YE

17249.8

20

SMAG 16/10 BG

17135.2

10

SDB 0.8x4.0

1087.0

1

Qty.

SRK 16/2A/IS BG

17126.2

50

SRK 16/2A/IS BU

17126.5

50

SRK 16/2A/Z/IS BG

17127.2

50

② ⑤

IEC*

1000

76 | 101

16 | 16-4

8 | 3

A7 | V0

1.5-25 | -

1-25 | 1-16

1.5-25

14

2.5-3 | Hexagon socket M5

PA 6.6 | -40 to +120°C

2 | 1

Qty.

SAP 16/2A BG

17254.2

20

SQI 16/2 YE

17247.8

20

SAD 1/12 WH

17248.7

20

SAD 1/12/B YE

17249.8

20

SMAG 16/10 BG

17135.2


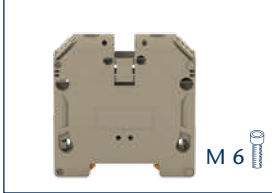


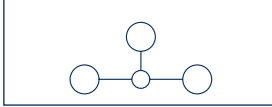
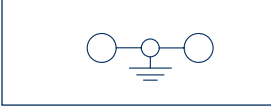
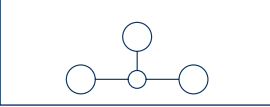
10

*Approval applied for!

Feed-through terminals SRK | Protective earth terminals SSL





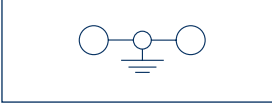
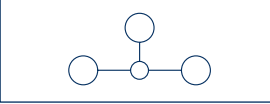
SSL 16/2A/IS	SRK 35/2A	SSL 35/2A	SRK 35/2A/IS	SSL 35/2A/IS
				
				
Protective earth terminal 2 connections	Feed-through terminal 2 connections	Protective earth terminal 2 connections	Feed-through terminal 2 connections	Protective earth terminal 2 connections
Screw connection 53 x 12.1 x 55	Screw connection 59 x 16.1 x 65.5	Screw connection 59 x 16.1 x 65.5	Screw connection 59 x 16.1 x 65.5	Screw connection 59 x 16.1 x 65.5
Qty.	Qty.	Qty.	Qty.	Qty.
SSL 16/2A/IS GNYE 17131.2 50	SRK 35/2A BG 17140.2 20 SRK 35/2A BU 17140.5 20 SRK 35/2A/Z BG 17141.2 20	SSL 35/2A GNYE 17145.2 20	SRK 35/2A/IS BG 17142.2 20 SRK 35/2A/IS BU 17142.5 20 SRK 35/2A/Z/IS BG 17143.2 20	SSL 35/2A/IS GNYE 17147.2 20
IEC* UL* CSA*	IEC* UL* CSA*	IEC* UL* CSA*	IEC* UL* CSA*	IEC* UL* CSA*
1000 600 600	1000 600 600	1000 600 600	1000 600 600	1000 600 600
125 150 150 150	125 150 150 150	125 150 150 150	125 150 150 150	125 150 150 150
16 16-4	35 16-1/0	35 16-1/0	35 16-1/0	35 16-1/0
8 3	8 3	8 3	8 3	8 3
A7 V0	B9 V0	B9 V0	B9 V0	B9 V0
1.5-25 -	1.5-50	1.5-50	1.5-50	1.5-50
1-25 1-16	1.5-50 1.5-35	1.5-50 1.5-35	1.5-50 1.5-35	1.5-50 1.5-35
1.5-25	1.5-50	1.5-50	1.5-50	1.5-50
14	18	18	18	18
2.5-3 Hexagon socket M5	3.2-3.7 Slotted M6	3.2-3.7 Slotted M6	3.2-3.7 Hexagon socket M6	3.2-3.7 Hexagon socket M6
PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C
1 1	2 1	1 1	2 1	1 1
Qty.	Qty.	Qty.	Qty.	VP E
SAP 16/2A GN 17254.1 20	SQI 35/2 YE 17252.8 20	SQI 35/2 YE 17252.8 20	SQI 35/2 YE 17252.8 20	SQI 35/2 YE 17252.8 20
SAD 1/12 WH 17248.7 20	SAD 1/16 WH 17282.7 20	SAD 1/16 WH 17282.7 20	SAD 1/16 WH 17282.7 20	SAD 1/16 WH 17282.7 20
SAD 1/12/B YE 17249.8 20	SAD 1/16/B YE 17281.8 20	SAD 1/16/B YE 17281.8 20	SAD 1/16/B YE 17281.8 20	SAD 1/16/B YE 17281.8 20
SMAG 16/10 BG 17135.2 10	SMAG 35/10 BG 17148.2 10	SMAG 35/10 BG 17148.2 10	SMAG 35/10 BG 17148.2 10	SMAG 35/10 BG 17148.2 10
	SDB 1.2x6.5 1088.0 1	SDB 1.2x6.5 1088.0 1	ISKS 5 2818.0 1	ISKS 5 2818.0 1

Feed-through terminals SRK | Protective earth terminals SSL

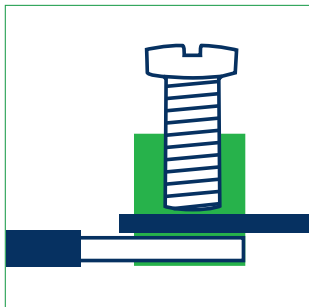
Screw connection system	SRK 50/2A	SSL 50/2A	SRK 70/2A
 <ul style="list-style-type: none"> • Foot can be snapped on TS 35 DIN rail • Housing made from polyamide 6.6 UL 94-V0 			
Connection diagram	 <p style="text-align: center;">Feed-through terminal 2 connections</p>	 <p style="text-align: center;">Protective earth terminal 2 connections</p>	 <p style="text-align: center;">Feed-through terminal 2 connections</p>
Connection type	Screw connection	Screw connection	Screw connection
Size (L x W x H), mm	72.5 x 18.5 x 72.5	72.5 x 18.5 x 72.5	76.5 x 20.5 x 82
Size (L x W x H) mm with TS 35 x 7.5 mm	72.5 x 18.5 x 74	72.5 x 18.5 x 74	76.5 x 20.5 x 84
Type	Qty.	Qty.	Qty.
Type Colour	SRK 50/2A BG	SSL 50/2A GNYE	SRK 70/2A BG
Cat. no.	17156.2	17158.2	17161.2
Type Colour	SRK 50/2A BU		SRK 70/2A BU
Cat. no.	17156.5		17161.5
Type Colour			
Cat. no.			
Type Colour			
Cat. no.			
Colours available			
Ratings	IEC* UL* CSA*	IEC* UL* CSA*	IEC* UL* CSA*
Rated voltage, V	1000 600 600		1000 600 600
Rated current, A	150 192 150 150		192 232 205 205
Rated cross-section, mm ² AWG	50 8-0	50 8-0	70 6-000
Rated impulse voltage, kV Contamination degree	8 3	8 3	8 3
Plug gauge acc. to EN 60 947-1 Flamm. class acc. to UL 94	B10 V0	B10 V0	B11 V0
Connection data			
Single wire (solid) stranded, mm ²	10-70 10-70	10-95 10-70	10-95 10-95
Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm ²	10-50 10-50	10-50 10-50	10-70 10-70
Clamping area, mm ²	10-70	10-70	10-95
Stripping length, mm	24	24	22
Torque, Nm Screw	3.5-6 Hexagon socket M6	3.5-6 Hexagon socket M6	6-12 Hexagon socket M8
Special connection			
Features			
Material of insulated housing Temperature range	PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C
Number of cross-connection channels Test pick-off option	1 1	0 1	1 1
Accessories			
Cross-connector SQ	SQ 50/2		SQ 70/2
Cat. no.	17255.0		17265.0
Cross-connector SQ	SQ 50/3		SQ 70/3
Cat. no.	17256.0		17266.0
Cross-connector SQ	SQ 50/4		SQ 70/4
Cat. no.	17257.0		17267.0
Cover	SAD 1/18 WH	SAD 1/18 WH	SAD 1/20 WH
Cat. no.	17284.7	17284.7	17286.7
Cover	SAD 1/18/B YE	SAD 1/18/B YE	SAD 1/20/B YE
Cat. no.	17283.8	17283.8	17285.8
Pick-off terminal SMAG	SMAG 50-70/10 BG	SMAG 50-70/10 BG	SMAG 50-70/10 BG
Cat. no.	17159.2	17159.2	17159.2
Allen key socket wrench ISKS	ISKS 5	ISKS 5	ISKS 6
Cat. no.	2818.0	2818.0	2772.0

*Approval applied for!

Feed-through terminals SRK | Protective earth terminals SSL

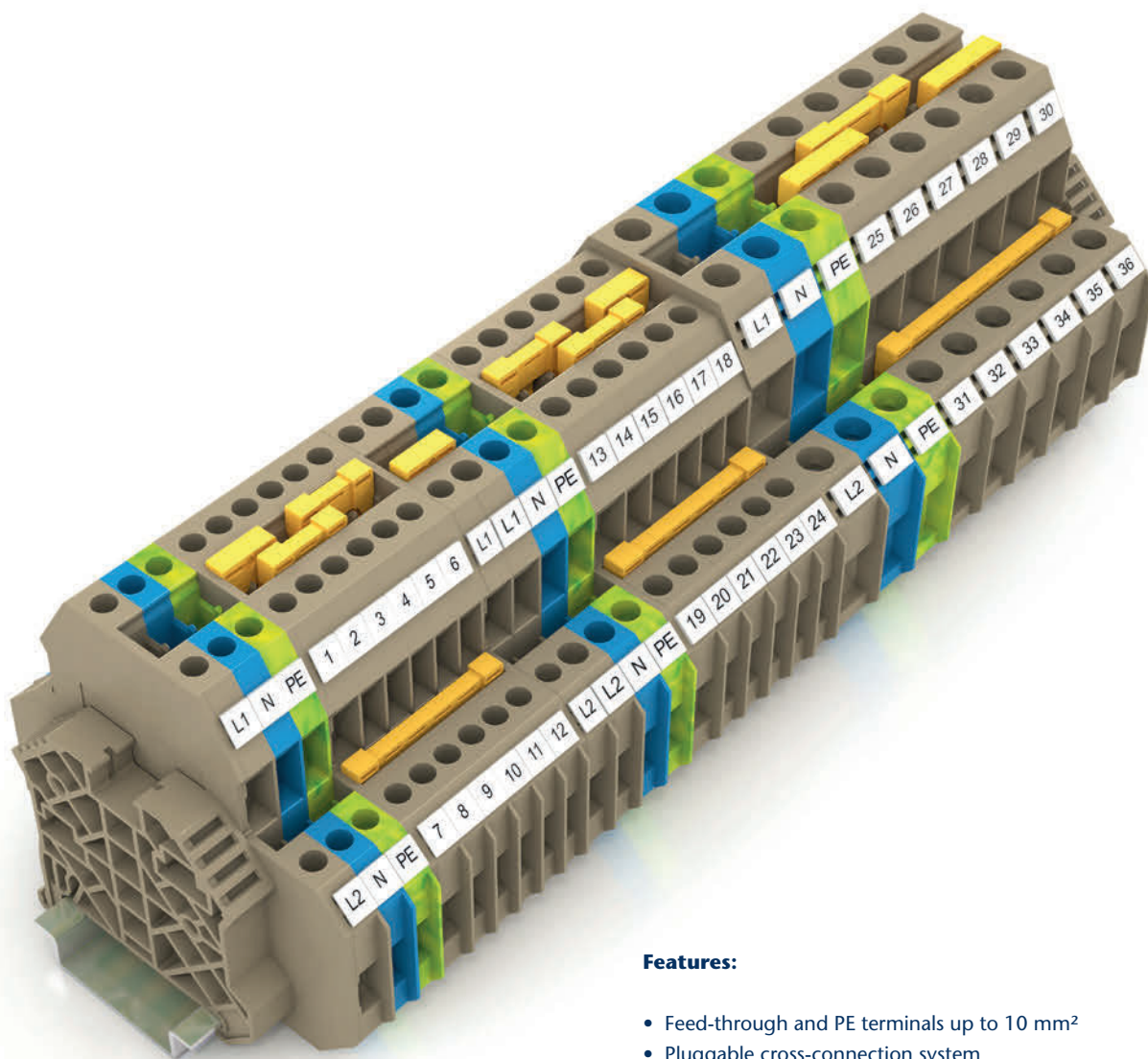
SSL 70/2A	SRK 120/2A			
 M 8 	 M 10 			
				
Protective earth terminal 2 connections	Feed-through terminal 2 connections			
Screw connection 76.5 x 20.5 x 82 76.5 x 20.5 x 84	Screw connection 91 x 27 x 90 91 x 27 x 91			
Qty.	Qty.			
SSL 70/2A GNYE 17163.2 10	SRK 120/2A BG 17165.2 5 SRK 120/2A BU 17165.5 5			
2	2, 5			
IEC* UL* CSA*	IEC* UL* CSA*			
70 6-000 8 3 B11 V0	1000 1000 1000 269 290 228 220 120 4-0000 8 3 B13 V0			
10-95 10-95 10-70 10-70 10-95 22 6-12 Hexagon socket M8	16-150 16-150 16-120 16-95 16-150 27 12-20 Hexagon socket M10			
PA 6.6 -40 to +120°C 0 1	PA 6.6 -40 to +120°C 1 1			
	SQ 120/2 17278.0 5 SQ 120/3 17279.0 5 SQ 120/4 17280.0 5			
SAD 1/20 WH 17286.7 10	SAD 1/27 WH 17290.7 5			
SAD 1/20/B YE 17285.8 10	SAD 1/27/B YE 17291.8 5			
SMAG 50-70/10 BG 17159.2 10	SMAG 150/240 BG 1125.2 10			
ISKS 6 2772.0 1	ISKS 8 2773.0 1			

Double-level terminal blocks SRKD|SSLD



CONTA-CLIP offers an innovative line of double-level feed-through terminals **SRKD** and protective-earth terminals **SSLD** featuring the proven screw-connection system for the smallest cross-sections ranging from 0.5 mm² to 10 mm². The screw-connection mechanism is easy to operate and can be used to establish a quick, safe connection using solid and flexible wires with or without wire-end ferrules. The protective-earth terminals feature a PE foot contact that is snapped on without screws, ensuring mechanical and electrical safety.

Our well-designed line of accessories allows you to significantly reduce your installation and storage costs. The **SQI** pluggable cross-connection system can be used to multiply potential voltages horizontally. All of the insulating materials used in this product line are free of pollutants. They also comply with flammability class V0 (self-extinguishing) according to UL 94.



Features:

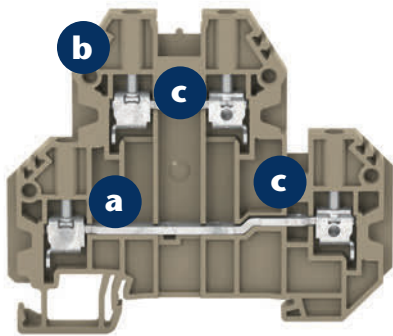
- Feed-through and PE terminals up to 10 mm²
- Pluggable cross-connection system
- 30-pole cross-connector for rated cross-sections of 2.5 mm² – 10 mm²
- PE foot contact on both sides – can be snapped on (no screws)

Double-level terminal blocks SRKD|SSLD

a The connection | contact reliability

The clamping yoke transmits pressure from the screw to clamp the conductor against the busbar. The required contact force is generated by the torque applied to the screw.

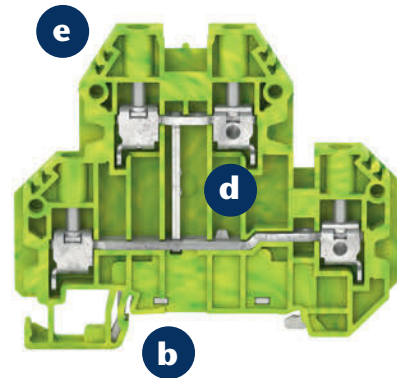
- Rising clamp design
- High contact force and contact security | Minimal contact resistance
- Clear separation of electrical and mechanical functions
- Clamping yoke made from hardened steel: galvanized, chrome-plated and additionally thick-film passivated
- Busbars made of copper with tin surface treatment
- Resistant to vibration and maintenance-free
- Corrosion-free
- Low voltage drop
- Compact design
- Foot can be snapped on TS 35 DIN rail



b Easy and safe to wire with an established connection system

The screw-connection mechanism is easy to operate and can be used to establish a quick, safe connection using solid and flexible wires with or without wire-end ferrules.

- Simple and self-explanatory usage
- Can be used around the world
- A connection mechanism that has proven itself in millions of applications
- Generous wire-entry geometry
- Connection of multiple wires is possible
- PE foot contact on both sides – can be snapped on (no screws) to TS 35 x 7.5 and TS 35 x 15 rails.



c Pluggable cross-connection options

Distributing potentials with the pluggable **SQI** cross-connection system is quick and easy. At the upper level, the two cross-connection channels can be used to carry two voltage potentials. The lower level can be used to carry one voltage potential.

- Cross-connectors available with 2 – 10 and 30 poles for 2.5 mm², 4 mm² and 10 mm² terminals
- Easy to insert and thus quicker to install
- No insulation plate or partition plate is required between neighbouring cross-connections, since the **SQI** has a touch-safe protective design
- Cross-connection **SQI** can carry the full rated current and voltage of the corresponding terminal block.
- Individual terminals can be skipped over by breaking out contact pins in the cross-connector

d Housing insulation material

- Polyamide PA6.6 UL 94, flammability class V0, self-extinguishing without burning drops
- Free of hazardous materials such as halogen or phosphor
- Creepage resistance: CTI 600
- Operating temperature from -40 °C to +120 °C

e Marking options

The standard terminals feature four labelling channels (two per level). They can be fitted with four **PMC SB** or **PMC BSTR** tags.

Double-level terminal blocks SRKD|SSLD

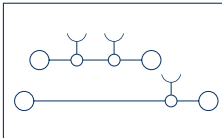
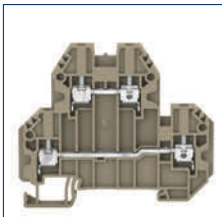
Screw connection system



- Foot can be snapped on TS35 DIN rail
- Housing made from polyamide 6.6 UL 94-V0

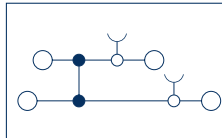
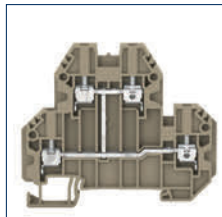
Connection diagram

SRKD 2.5



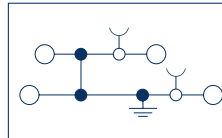
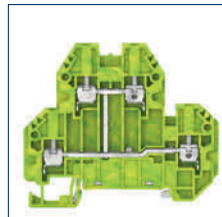
Feed-through terminal
2x2 connections

SRKD 2.5/SV



Feed-through terminal
4 connections

SSLD 2.5



Protective earth terminal
4 connections

Connection type

Size (L x W x H)

Screw connection

76 x 5.1 x 65

Screw connection

76 x 5.1 x 65

Screw connection

76 x 5.1 x 65

Type

Type Colour

Cat. no.

Type Colour

Cat. no.

Colour variants

Ratings

Rated voltage, V

Rated current, A | Max. current capacity, A

Rated wire cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) | stranded (flexible), mm²

Finely-stranded | finely-stranded (w/ferrules acc. to DIN 46 228/1), mm²

Contact wire range, mm²

Stripping length, mm

Torque, Nm | Screw

Features:

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off option

Accessories

End plate SAPD

Cat. no.

Insulating cap SQIK for cross-connector

Cat. no.

Insulated cross-connection SQI

Cat. no. 2 poles

Insulated cross-connection SQI

Cat. no. 3 poles

Insulated cross-connection SQI

Cat. no. 4 poles

Insulated cross-connection SQI

Cat. no. 5 poles

Insulated cross-connection SQI

Cat. no. 6 poles

Insulated cross-connection SQI

Cat. no. 7 poles

Insulated cross-connection SQI

Cat. no. 8 poles

Insulated cross-connection SQI

Cat. no. 9 poles

Insulated cross-connection SQI

Cat. no. 10 poles

Insulated cross-connection SQI

Cat. no. 30 poles

End stop SES

Cat. no.

Screwdriver SDB

Cat. no.

Quick marking PMC SB

Cat. no.

Qty.

SRKD 2.5 BG

17180.2 100

SRKD 2.5 BU

17180.5 100

② .5

IEC* UL* CSA*

1000 600 600

24 | 32 20 20

2.5 | 30-12

8 | 3

A3 | V0

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

10

0.4-0.8 | Slotted M 2.5

PA 6.6 V0 | -40 to +120 °C

3 | 1

Qty.

SAPD 2.5-4 BG

17292.2 20

SQIK 2.5-10 YE

17200.8 20

SQI 2.5/2 YE

17201.8 50

SQI 2.5/3 YE

17202.8 50

SQI 2.5/4 YE

17203.8 20

SQI 2.5/5 YE

17204.8 20

SQI 2.5/6 YE

17205.8 20

SQI 2.5/7 YE

17206.8 20

SQI 2.5/8 YE

17207.8 10

SQI 2.5/9 YE

17208.8 10

SQI 2.5/10 YE

17209.8 10

SQI 2.5/30 YE

17210.8 5

SES 35 BG

17250.2 50

SDB 0.5x3.0

1085.0 1

PMC SB 5/50 WH

4600.7 500

Qty.

SRKD 2.5/SV BG

17181.2 100

SRKD 2.5/SV BU

17181.5 100

② .5

IEC* UL* CSA*

1000 600 600

24 | 32 20 20

2.5 | 30-12

8 | 3

A3 | V0

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

10

0.4-0.8 | Slotted M 2.5

PA 6.6 | -40 to +120 °C

2 | 1

Qty.

SAPD 2.5-4 BG

17292.2 20

SQIK 2.5-10 YE

17200.8 20

SQI 2.5/2 YE

17201.8 50

SQI 2.5/3 YE

17202.8 50

SQI 2.5/4 YE

17203.8 20

SQI 2.5/5 YE

17204.8 20

SQI 2.5/6 YE

17205.8 20

SQI 2.5/7 YE

17206.8 20

SQI 2.5/8 YE

17207.8 10

SQI 2.5/9 YE

17208.8 10

SQI 2.5/10 YE

17209.8 10

SQI 2.5/30 YE

17210.8 5

SES 35 BG

17250.2 50

SDB 0.5x3.0

1085.0 1

PMC SB 5/50 WH

4600.7 500

Qty.

SSLD 2.5 GNYE

17182.2 100

②

IEC* UL* CSA*

1000 600 600

24 | 32 20 20

2.5 | 30-12

8 | 3

A3 | V0

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

10

0.4-0.8 | Slotted M 2.5

PA 6.6 | -40 to +120 °C

2 | 1

Qty.

SAPD 2.5-4 GN

17292.1 20

SQIK 2.5-10 YE

17200.8 20

SQI 2.5/2 YE

17201.8 50

SQI 2.5/3 YE

17202.8 50

SQI 2.5/4 YE

17203.8 20

SQI 2.5/5 YE

17204.8 20

SQI 2.5/6 YE

17205.8 20

SQI 2.5/7 YE

17206.8 20

SQI 2.5/8 YE

17207.8 10

SQI 2.5/9 YE

17208.8 10

SQI 2.5/10 YE

17209.8 10

SQI 2.5/30 YE

17210.8 5

SES 35 BG

17250.2 50

SDB 0.5x3.0

1085.0 1

PMC SB 5/50 WH

4600.7 500

*Approvals applied for!

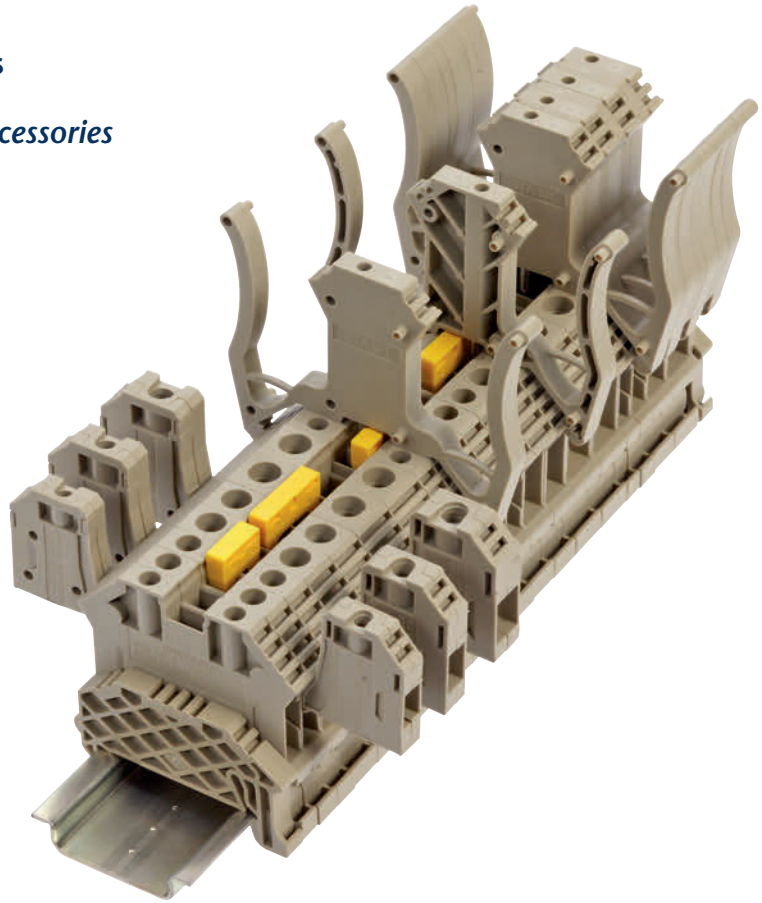
Double-level terminal blocks SRKD|SSLD

SRKD 4	SRKD 4/SV	SSLD 4	SRKD 10	SRKD 10/SV	SSLD 10
Feed-through terminal 2x2 connections	Feed-through terminal 4 connections	Protective earth terminal 4 connections	Feed-through terminal 2x2 connections	Feed-through terminal 4 connections	Protective earth terminal 4 connections
Screw connection 76 x 6.1 x 65	Screw connection 76 x 6.1 x 65	Screw connection 76 x 6.1 x 65	Screw connection 76 x 10.1 x 68	Screw connection 76 x 10.1 x 68	Screw connection 76 x 10.1 x 68
Qty.	Qty.	Qty.	Qty.	Qty.	Qty.
SRKD 4 BG 17185.2 50	SRKD 4/SV BG 17186.2 50	SSLD 4 GNYE 17187.2 50	SRKD 10 BG 17190.2 50	FSRKD 10/SV BG 17191.2 50	SSLD 10 GNYE 17192.2 50
SRKD 4 BU 17185.5 50	SRKD 4/SV BU 17185.5 50		SRKD 10 BU 17190.5 50	SRKD 10/SV BU 17191.5 50	
② ⑤	② ⑤	②	② ⑤	② ⑤	②
IEC* UL* CSA*	IEC* UL* CSA*	IEC* UL* CSA*	IEC* UL* CSA*	IEC* UL* CSA*	IEC* UL* CSA*
1000 600 600	1000 600 600		1000 600 600	1000 600 600	
32 41 30 30	32 41 30 30		57 76 65 65	57 76 65 65	
4 26-10	4 26-10	4 26-10	16 18-6	16 18-6	16 18-6
8 3	8 3	8 3	8 3	8 3	8 3
A4 V0	A4 V0	A4 V0	B7 V0	B7 V0	B7 V0
0.2-6 -	0.2-6 -	0.2-6 -	0.2-16 0.2-16	0.2-16 0.2-16	0.2-16 0.2-16
0.2-6 0.2-4	0.2-6 0.2-4	0.2-6 0.2-4	0.2-16 0.2-10	0.2-16 0.2-10	0.2-16 0.2-10
0.2-6	0.2-6	0.2-6	0.6-16	0.6-16	0.6-16
10	10	10	10	10	10
0.5-1.0 Slotted M 3	0.5-1.0 Slotted M 3	0.5-1.0 Slotted M 3	2.0-4.0 Slotted M 4	2.0-4.0 Slotted M 4	2.0-4.0 Slotted M 4
PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C
3 1	2 1	2 1	3 1	2 1	2 1
Qty.	Qty.	Qty.	Qty.	Qty.	Qty.
SAPD 2.5-4 BG 17292.2 20	SAPD 2.5-4 BG 17292.2 20	SAPD 2.5-4 BG 17292.2 20	SAPD 10 BG 17293.2 20	SAPD 10 BG 17293.2 20	SAPD 10 BG 17293.2 20
SQIK 2.5-10 YE 17200.8 20	SQIK 2.5-10 YE 17200.8 20	SQIK 2.5-10 YE 17200.8 20	SQIK 2.5-10 YE 17200.8 20	SQIK 2.5-10 YE 17200.8 20	SQIK 2.5-10 YE 17200.8 20
SQI 4/2 YE 17211.8 50	SQI 4/2 YE 17211.8 50	SQI 4/2 YE 17211.8 50	SQI 10/2 YE 17231.8 50	SQI 10/2 YE 17231.8 50	SQI 10/2 YE 17231.8 50
SQI 4/3 YE 17212.8 50	SQI 4/3 YE 17212.8 50	SQI 4/3 YE 17212.8 50	SQI 10/3 YE 17232.8 50	SQI 10/3 YE 17232.8 50	SQI 10/3 YE 17232.8 50
SQI 4/4 YE 17213.8 20	SQI 4/4 YE 17213.8 20	SQI 4/4 YE 17213.8 20	SQI 10/4 YE 17233.8 20	SQI 10/4 YE 17233.8 20	SQI 10/4 YE 17233.8 20
SQI 4/5 YE 17214.8 20	SQI 4/5 YE 17214.8 20	SQI 4/5 YE 17214.8 20	SQI 10/5 YE 17234.8 20	SQI 10/5 YE 17234.8 20	SQI 10/5 YE 17234.8 20
SQI 4/6 YE 17215.8 20	SQI 4/6 YE 17215.8 20	SQI 4/6 YE 17215.8 20	SQI 10/6 YE 17235.8 20	SQI 10/6 YE 17235.8 20	SQI 10/6 YE 17235.8 20
SQI 4/7 YE 17216.8 20	SQI 4/7 YE 17216.8 20	SQI 4/7 YE 17216.8 20	SQI 10/7 YE 17236.8 20	SQI 10/7 YE 17236.8 20	SQI 10/7 YE 17236.8 20
SQI 4/8 YE 17217.8 10	SQI 4/8 YE 17217.8 10	SQI 4/8 YE 17217.8 10	SQI 10/8 YE 17237.8 10	SQI 10/8 YE 17237.8 10	SQI 10/8 YE 17237.8 10
SQI 4/9 YE 17218.8 10	SQI 4/9 YE 17218.8 10	SQI 4/9 YE 17218.8 10	SQI 10/9 YE 17238.8 10	SQI 10/9 YE 17238.8 10	SQI 10/9 YE 17238.8 10
SQI 4/10 YE 17219.8 10	SQI 4/10 YE 17219.8 10	SQI 4/10 YE 17219.8 10	SQI 10/10 YE 17239.8 10	SQI 10/10 YE 17239.8 10	SQI 10/10 YE 17239.8 10
SQI 4/30 YE 17220.8 5	SQI 4/30 YE 17220.8 5	SQI 4/30 YE 17220.8 5	SQI 10/30 YE 17240.8 5	SQI 10/30 YE 17240.8 5	SQI 10/30 YE 17240.8 5
SES 35 BG 17250.2 50	SES 35 BG 17250.2 50	SES 35 BG 17250.2 50	SES 35 BG 17250.2 50	SES 35 BG 17250.2 50	SES 35 BG 17250.2 50
SDB 0.6x3.5 1086.0 1	SDB 0.6x3.5 1086.0 1	SDB 0.6x3.5 1086.0 1	SDB 0.8x4.0 1087.0 1	SDB 0.8x4.0 1087.0 1	SDB 0.8x4.0 1087.0 1
PMC SB 6/50 WH 4702.7 500	PMC SB 6/50 WH 4702.7 500	PMC SB 6/50 WH 4702.7 500	PMC SB 8/50 WH 9323.7 500	PMC SB 8/50 WH 9323.7 500	PMC SB 8/50 WH 9323.7 500

*Approvals applied for!

Accessories for the SRK terminal blocks

CONTA-CLIP offers specific and innovative accessories for the **SRKISSL** screw connection system.



Pick-off terminals SMAG

The **SMAG** pick-off terminals permit one or two additional extra wire connectors onto the **SRK** terminal blocks and therefore extend the standard feed-through terminal by up to four connections.

The **SMAGs** are mechanically snapped into the **SRK** terminal blocks. The **SMAG** busbar is connected via the corresponding base connection of the terminal block, the rated cross section is thereby reduced to the next lower size.

The terminals allow a voltage tap up to a rated voltage of 800 V.

The **PMC** quick marking system can be used for additional labelling of the terminal on the **SMAG** housing.

Test adapter STA

The **STA** test adapter can be used to quickly and safely test pre-wired terminal blocks. A test plug block can be mounted with any number of poles using the locking pegs and the **STA ZP** intermediate plate with widths from 1 to 3 mm. The **STA ZP** intermediate plate allows the assembly of a test plug block, which can also be mounted on different block widths (SRK/SSL 2.5 | 4 | 6 | 10).

Thanks to its innovative design the **STA** test adapter can be rotated through 180°. It can therefore also be mounted onto the **SRK** terminal block, whereby one of the cross-connection channels is already occupied by a cross-connector.

Wires with cross-sections ranging from 0.5 mm² to 1.0 mm² can be crimped or soldered to the spring-loaded tracer pins. The test adapter set consists of a housing, spring and tracer pin.

An additional terminal label on the **STA** housing is possible when using the **PMC** quick marking system.

Pick-off terminals SMAG | Test adapter STA

Pick-off terminals SMAG



- Housing made from polyamide 6.6 UL 94-V0

Connection diagram

Connection type

Size (LxWxH), mm
Size (LxWxH), in mm with terminal blocks mounted on TS 35 x 7.5

Type

Type Colour

Cat. no.

Colours available

Ratings

Rated voltage, V

Rated current, A

Rated cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) | stranded, mm²

Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm²

Clamping area, mm²

Stripping length, mm

Torque, Nm | Screw

Features

Material of insulated housing | Temperature range

Accessories

Screwdriver SDB

Cat. no.

Quick marking PMC SB

Cat. no.

For terminal block

SMAG 4/2.5



Pick-off terminal,
1 connection

Screw connection

37.8 x 5.9 x 26.7
86.1 x 6.1 x 53.0

SMAG 4/2.5 BG
17120.2 Qty. 10

IEC*

800

24 | 32

2.5 | 22-12

8 | 3

A3 | V0

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

10

0.4-0.8 | Slotted M 2.5

PA 6.6 | -40 to +120°C

SDB 0.5x3.0

1085.0 Qty. 1

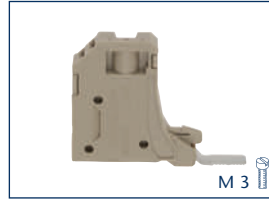
PMC SB 5/50 WH

4600.7 Qty. 500

SRK 4/2A

SSL 4/2A

SMAG 6/4



Pick-off terminal,
1 connection

Screw connection

38.5 x 6.6 x 29.2
87.5 x 8.1 x 55.5

SMAG 6/4 BG
17121.2 Qty. 10

IEC*

800

32 | 41

4 | 22-11

8 | 3

A4 | V0

0.2-6 | -

0.2-6 | 0.2-4

0.2-6

10

0.5-1.0 | Slotted M 3

PA 6.6 | -40 to +120°C

SDB 0.6x3.5

1086.0 Qty. 1

PMC SB 6/50 WH

4702.7 Qty. 500

SRK 6/2A

SSL 6/2A

SMAG 10/6



Pick-off terminal,
1 connection

Screw connection

38.5 x 8.3 x 29.7
87.5 x 10.1 x 56

SMAG 10/6 BG
17122.2 Qty. 10

IEC*

800

41 | 57

10 | 22-8

8 | 3

A5 | V0

0.2-10 | 0.2-10

0.2-10 | 0.2-6

0.2-4

10

1.2-2.0 | Slotted M 3.5

PA 6.6 | -40 to +120°C

SDB 0.8x4.0

1087.0 Qty. 1

PMC SB 8/40 WH

9323.7 Qty. 500

SRK 10/2A

SSL 10/2A

Test adapter STA

- Housing made from polyamide 6.6 UL 94-V0

Type

Type Colour

Cat. no.

Colours available

Ratings

Pitch, mm

Addition height for each terminal block, mm

Length (mm)

Flamm. class acc. to UL 94

Connection data

Finely-stranded, mm²

Stripping length, mm

Features

Material of insulated housing | Temperature range

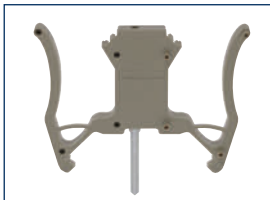
Accessories

Quick marking PMC SB

Cat. no.

For terminal block

STA 5/1



Test adapter, can be mounted
side-by-side

STA 5/1 BG
17260.2 Qty. 10

②

5

35.5

70

V0

0.5-1

5

PA 6.6 | -40 to +120°C

PMC SB 5/50 WH

4600.7 Qty. 200

SRK 2.5/2A

SSL 2.5/2A

SRK 4/2A

SSL 4/2A

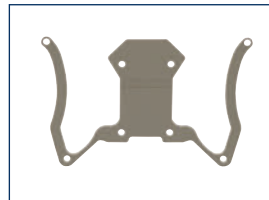
SRK 6/2A

SSL 6/2A

SRK 10/2A

SSL 10/2A

STA ZP1



Intermediate plate, can be
mounted side-by-side, 1 mm

STA ZP1 BG
17261.2 Qty. 10

②

1

35.5

70

V0

-

-

PA 6.6 | -40 to +120°C

SRK 4/2A

SSL 4/2A

SRK 10/2A

SSL 10/2A

STA ZP3



Intermediate plate, can be
mounted side-by-side, 3 mm

STA ZP3 BG
17262.2 Qty. 10

②

3

35.5

70

V0

-

-

PA 6.6 | -40 to +120°C

SRK 6/2A

SSL 6/2A

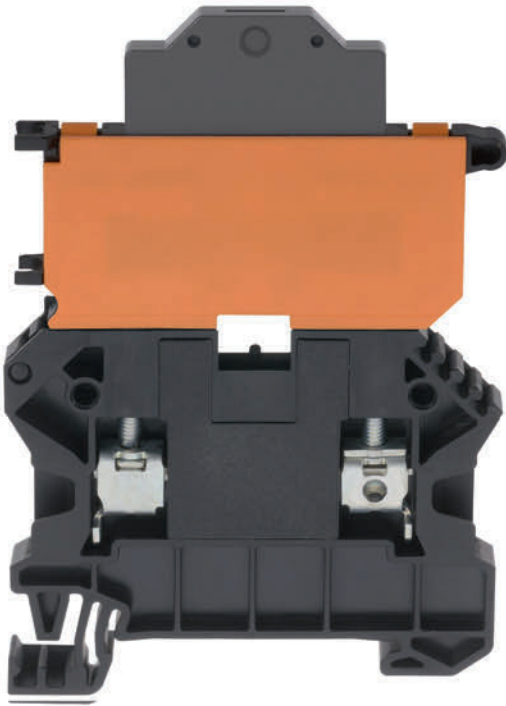
SRK 10/2A

SSL 10/2A

*Approval applied for!

Fuse-disconnect terminals SSIK 4 | SSIK 6

The **SSIK** fuse-disconnect terminals, made from glass-fibre reinforced polyamide PA 6.6 V0, have an extended temperature range up to +140°C (RTI elec.) and open up new application possibilities in electrical engineering. They have good dimensional stability up to high temperature ranges.



The **SSIK** fuse-disconnect terminals feature an extraction lever that locks into its end position and allows a spare fuse to be attached from the side. The following micro-fuses can be attached: **SSIC 4** (5x20/5x25/5x30) and **SSIC 6** (6.3x25/6.3x32)

Two cross-connection channels within the fuse-disconnect terminals allow for potentials to be distributed to adjacent fused and feed-through terminals from the **SRK** series. For multiplying the potentials, we offer the **SQI** standard accessory, available with from 2 to 30 poles. An additional connection (an **SMAG**) can also be attached to the outlet side. Two or three extraction levers can be coupled and operated simultaneously by using the **VBS** connection sleeves.

They are available with or without a status display, whereby the display can be retro-fitted onto the base terminal at a later point in time.

Screw connection system



- Foot can be snapped on TS 35 DIN rail
- Housing made from Polyamide 6.6 V0, glass-fibre reinforced
- Temperature resistance to 140°C (RTI elec.)

Connection diagram

Connection type

Size (L x W x H)

Size (L x W x H) with TS 35 x 7.5 mm

Type

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Colours available

Ratings

Rated voltage, V

Rated current, A

Rated cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Max. power loss on fuse, W

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) | stranded (flexible), mm²

Finely-stranded|finely-stranded (w/ferrules DIN 46 228/1), mm²

Clamping area, mm²

Stripping length, mm

Torque, Nm | Screw

Fuse size, mm

Cross-current via LED, mA

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off option

Accessories

End plate SAP

Cat. no.

Pick-off terminal SMAG

Cat. no.

Insulating cap SQIK for cross-connector

Cat. no.

Insulated cross-connection SQI

Cat. no.

2-pole

Insulated cross-connection SQI

Cat. no.

3-pole

Insulated cross-connection SQI

Cat. no.

4-pole

Insulated cross-connection SQI

Cat. no.

5-pole

Insulated cross-connection SQI

Cat. no.

6-pole

Insulated cross-connection SQI

Cat. no.

7-pole

Insulated cross-connection SQI

Cat. no.

8-pole

Insulated cross-connection SQI

Cat. no.

9-pole

Insulated cross-connection SQI

Cat. no.

10-pole

Insulated cross-connection SQI

Cat. no.

30-pole

Connecting sleeve VBS

Cat. no.

2-pole

Connecting sleeve VBS

Cat. no.

3-pole

End stop ES

Cat. no.



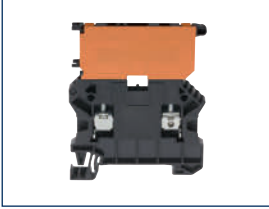
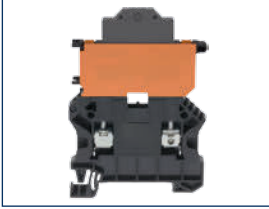

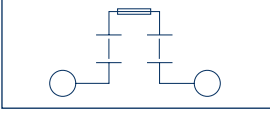
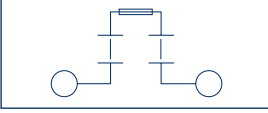
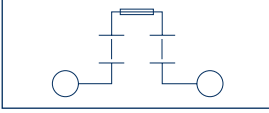
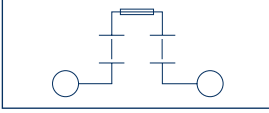

Screwdriver SDB

Cat. no.

Quick marking PMC SB

Cat. no.

Fuse-disconnect terminals SSIK 4 | SSIK 6

SSIK 4/2A				SSIK 4/2A/LED				SSIK 6/2A				SSIK 6/2A/LED				SST/SSIK/LED			
																			
																			
Fuse-disconnect terminal 2 connections / extraction lever				Fuse-disconnect terminal 2 connections / extraction lever				Fuse-disconnect terminal 2 connections / extraction lever				Fuse-disconnect terminal 2 connections / extraction lever				LED display			
Screw connection 58 x 6.1 x 70 58 x 6.1 x 70				Screw connection 58 x 6.1 x 84 58 x 6.1 x 84				Screw connection 59 x 8.1 x 70 59 x 8.1 x 70				Screw connection 59 x 8.1 x 84 59 x 8.1 x 84				30 x 6.1 x 14			
Qty.				Qty.				Qty.				Qty.				Qty.			
SSIK 4/2A BK 17150.4 50				SSIK 4/2A/LED/12-30V AC/DC 17171.4 25 SSIK 4/2A/LED/30-60V AC/DC 17172.4 25 SSIK 4/2A/LED/110-250V AC/DC 17173.4 25 SSIK 4/2A/LED/500V AC/DC 17174.4 25				SSIK 6/2A BK 17151.4 50				SSIK 6/2A/LED/12-30V AC/DC 17175.4 25 SSIK 6/2A/LED/30-60V AC/DC 17176.4 25 SSIK 6/2A/LED/110-250V AC/DC 17177.4 25 SSIK 6/2A/LED/500V AC/DC 17178.4 25				SST/SSIK/LED 12-30V AC/DC 17271.4 10 SST/SSIK/LED 30-60V AC/DC 17272.4 10 SST/SSIK/LED 110-250V AC/DC 17273.4 10 SST/SSIK/LED 500V AC/DC 17274.4 10			
4				4				4				4				4			
IEC* UL* cUL*				IEC* UL* cUL*				IEC* UL* cUL*				IEC* UL* cUL*				See above			
500 600 600				See above				500 600 600				See above				See above			
10 16 16				10 16 16				10 16 16				10 16 16				See above			
4 22-11				4 22-11				6 13-4				6 13-4				See above			
6 3				6 3				6 3				6 3				See above			
1.6				1.6				1.6				1.6				See above			
A4 V0				A4 V0				A5 V0				A5 V0				See above			
0.14-6 -				0.14-6 -				0.2-10 0.2-10				0.2-10 0.2-10				See above			
0.14-6 0.14-4				0.14-6 0.14-4				0.2-10 0.2-6				0.2-10 0.2-6				See above			
0.14-6				0.14-6				0.2-10				0.2-10				See above			
9				9				10				10				See above			
0.5-1.0 Slotted M 3				0.5-1.0 Slotted M 3				1.2-2.0 Slotted M 3.5				1.2-2.0 Slotted M 3.5				See above			
5x20 5x25 5x30				5x20 5x25 5x30				6.3x25 6.3x32				6.3x25 6.3x32				See above			
5				5				5				5				See above			
PA 6.6 GV 20 V0 -40 to +140				PA 6.6 GV 20 V0 -40 to +140				PA 6.6 GV 20 V0 -40 to +140				PA 6.6 GV 20 V0 -40 to +140				PA 6.6 V0 -40 to +105			
2 0				2 0				2 0				2 0				See above			
Qty.				Qty.				Qty.				Qty.				Qty.			
SAP SSIK 4/6 BK 17258.4 20				SAP SSIK 4/6 BK 17258.4 20				SAP SSIK 4/6 BK 17258.4 20				SAP SSIK 4/6 BK 17258.4 20				See above			
SMAG 4/2.5 BG 17120.2 10				SMAG 4/2.5 BG 17120.2 10				SMAG 6/4 BG 17121.2 10				SMAG 6/4 BG 17121.2 10				See above			
SQIK 2.5-10 YE 17200.8 50				SQIK 2.5-10 YE 17200.8 50				SQIK 2.5-10 YE 17200.8 50				SQIK 2.5-10 YE 17200.8 50				See above			
SQI 4/2 YE 17211.8 50				SQI 4/2 YE 17211.8 50				SQI 6/2 YE 17221.8 50				SQI 6/2 YE 17221.8 50				See above			
SQI 4/3 YE 17212.8 20				SQI 4/3 YE 17212.8 20				SQI 6/3 YE 17222.8 20				SQI 6/3 YE 17222.8 20				See above			
SQI 4/4 YE 17213.8 20				SQI 4/4 YE 17213.8 20				SQI 6/4 YE 17223.8 20				SQI 6/4 YE 17223.8 20				See above			
SQI 4/5 YE 17214.8 20				SQI 4/5 YE 17214.8 20				SQI 6/5 YE 17224.8 20				SQI 6/5 YE 17224.8 20				See above			
SQI 4/6 YE 17215.8 20				SQI 4/6 YE 17215.8 20				SQI 6/6 YE 17225.8 20				SQI 6/6 YE 17225.8 20				See above			
SQI 4/7 YE 17216.8 10				SQI 4/7 YE 17216.8 10				SQI 6/7 YE 17226.8 10				SQI 6/7 YE 17226.8 10				See above			
SQI 4/8 YE 17217.8 10				SQI 4/8 YE 17217.8 10				SQI 6/8 YE 17227.8 10				SQI 6/8 YE 17227.8 10				See above			
SQI 4/9 YE 17218.8 10				SQI 4/9 YE 17218.8 10				SQI 6/9 YE 17228.8 10				SQI 6/9 YE 17228.8 10				See above			
SQI 4/10 YE 17219.8 10				SQI 4/10 YE 17219.8 10				SQI 6/10 YE 17229.8 10				SQI 6/10 YE 17229.8 10				See above			
SQI 4/30 YE 17220.8 5				SQI 4/30 YE 17220.8 5				SQI 6/30 YE 17230.8 5				SQI 6/30 YE 17230.8 5				See above			
VBS 2/10 OG 2873.3 20				VBS 2/10 OG 2873.3 20				VBS 2/10/Z OG 2875.3 20				VBS 2/10/Z OG 2875.3 20				See above			
VBS 3/10 OG 2874.3 20				VBS 3/10 OG 2874.3 20				VBS 3/10/Z OG 2876.3 20				VBS 3/10/Z OG 2876.3 20				See above			
SES 35 BG 17250.2 50				SES 35 BG 17250.2 50				SES 35 BG 17250.2 50				SES 35 BG 17250.2 50				See above			
SDB 0.6x3.5 1086.0 1				SDB 0.6x3.5 1086.0 1				SDB 0.8x4.0 1087.0 1				SDB 0.8x4.0 1087.0 1				See above			
PMC SB 6/50 WH 4702.7 500				PMC SB 6/50 WH 4702.7 500				PMC SB 8/40 WH 9323.7 400				PMC SB 8/40 WH 9323.7 400				See above			

Fuse-disconnect terminals SIK 10 PA-G

Screw connection system



- Foot can be snapped on TS 35 DIN rail
- Housing made from Polyamide 6.6 V0, glass-fibre reinforced
- Temperature resistance to 140°C (RTI elec.)

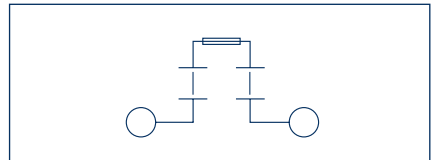
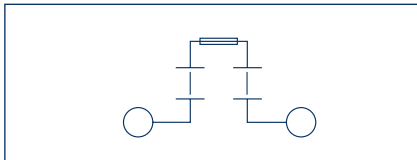
SIK 10 PA-G



SIK 10/Z PA-G



Connection diagram



Fuse-disconnect terminal
2 connections/hinged lever
Screw connection
60 x 8 x 69

Fuse-disconnect terminal
2 connections/hinged lever
Screw connection
60 x 10 x 69

Connection type

Size (L x W x H) with TS 35 x 7.5 mm

Type

Type Colour

Cat. no.

Colours available

Ratings

Rated voltage, V

Rated current, A

Rated cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Max. power loss on fuse, W

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) | stranded (flexible), mm²

Finely-stranded|finely-stranded (w/ferrules DIN 46 228/1), mm²

Clamping area, mm²

Stripping length, mm

Torque, Nm | Screw

Fuse size

Features

Material of insulated housing | Temperature range

Accessories

End plate AP

Cat. no.

External insulated cross-connector AQI

Cat. no.

External insulated cross-connector AQI

Cat. no.

External insulated cross-connector AQI

Cat. no.

External insulated cross-connector AQI

Cat. no.

External insulated cross-connector AQI

Cat. no.

External insulated cross-connector AQI

Cat. no.

Connecting sleeves for connecting extraction levers

Cat. no.

Connecting sleeves for connecting extraction levers

Cat. no.

solid link KH

Cat. no.

End stop ES

Cat. no.

Screwdriver SDB

Cat. no.

Quick marking PMC SB

Cat. no.

Qty.

SIK 10 PA-G BK

17364.4

4

IEC

500

10

10 | 22-12

8 | 3

1.6

A4 | V0

UL

600

0.2-10 | -

0.2-10 | 0.2-10

0.2-10

12

1.2-2.0 | Slotted M 4

5x20 / 5x25 / 5x30

CSA

600

600

600

600

600

600

600

600

600

600

600

600

600

600

600

600

600

600

600

600

600

600

600

600

600

600

600

Qty.

SIK 10/Z PA-G BK

17365.4

4

IEC

500

10

10 | 22-12

8 | 3

1.6

A4 | V0

UL

600

0.2-10 | -

0.2-10 | 0.2-10

0.2-10

12

1.2-2.0 | Slotted M 4

6.3x32 / 6.3x25

CSA

600

600

600

600

600

600

600

600

600

600

600

600

600

600

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600

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600

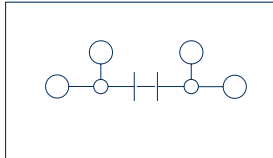
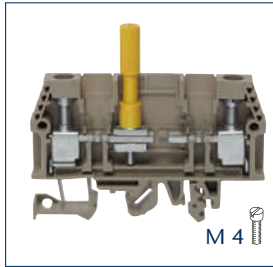
Test-disconnect terminals PTK



- Foot can be snapped on TS 35 and TS 32 DIN rails
- Housing made from polyamide 6.6 UL 94-V2

Connection diagram

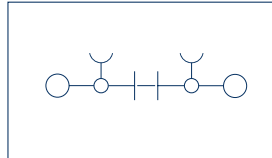
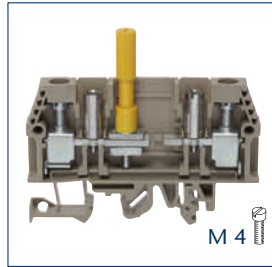
PTK 10/LT/HB



Test-disconnect terminal
2 connections
Screw connection
72 x 8 x 67.5
72 x 8 x 63

Type	Qty.
PTK 10/LT/HB BG	50
17366.2	

PTK 10/LT/STB/HB



Test-disconnect terminal
2 connections
Screw connection
72 x 8 x 67.5
72 x 8 x 63

Type	Qty.
PTK 10/LT/STB/HB BG	50
17367.2	

Connection type

Size (L x W x H) mm with TS 32 mm
Size (L x W x H) mm with TS 35 x 7.5 mm

Type

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Colours available

Ratings

Rated voltage, V

Rated current, A

Rated wire cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) | stranded (flexible), mm²

Finely-stranded|finely-stranded (w/ferrules DIN 46 228/1), mm²

Contact wire range, mm²

Stripping length, mm

Torque, Nm | Screw

Special connection, mm

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off option

Accessories

End plate AP

Cat. no.

Insulation plate TRS

Cat. no.

Test plug PS

Cat. no.

Switch lock PTK SP

Cat. no.

Insulated cross-connection QI

Cat. no.

Insulated cross-connection QI

Cat. no.

Insulated cross-connection QI

Cat. no.

Insulated cross-connection QI

Cat. no.

Connecting sleeve VH

Cat. no.

Short-circuit plug KSS

Cat. no.

End stop ES

Cat. no.

Screwdriver SDB

Cat. no.

Quick marking PMC SB

Cat. no.

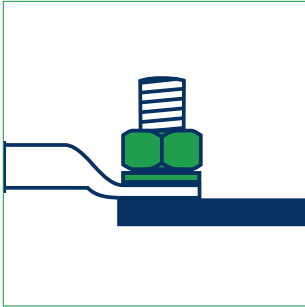
IEC	CSAus	CSA
400	600	600
10	45	45
4 22-8		
4 3		
A5 V2		
0.2-10 -		
0.2-10 0.2-10		
0.2-10		
12		
1.2-2.0 Slotted M 4		
-		
PA 6.6 -40 to +105°C		
2 -		

Type	Qty.
AP/L/Q/D BG	20
2782.2	
TRS 1 BG	100
2003.2	
PS 4	20
2051.0	
PTK-SP OG	50
17368.3	
QI 2 YE	50
2750.2	
QI 3 YE	50
2751.2	
QI 4 YE	50
2752.2	
QI 10 YE	50
2753.2	
VH 19	50
2238.0	
KSS 2-8	10
2886.0	
ES 35/K/ST BG	50
2828.0	
SDB 0.8x4.0	1
1087.0	
PMC SB 8/40 WH	400
9323.7	

IEC	CSAus	CSA
400	600	600
10	45	45
4 22-8		
4 3		
A5 V2		
0.2-10 -		
0.2-10 0.2-10		
0.2-10		
12		
1.2-2.0 Slotted M 4		
Two test sockets, 4 mm ø		
PA 6.6 -40 to +105°C		
- 2		

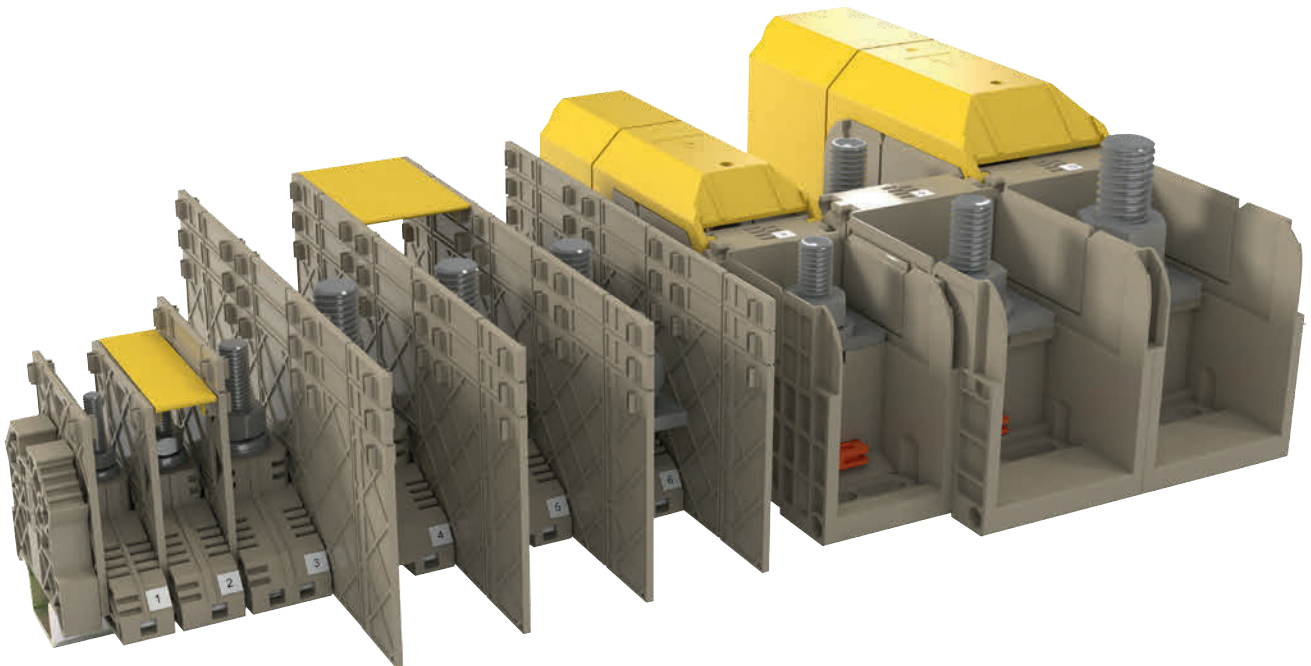
Type	Qty.
AP/L/Q/D BG	20
2782.2	
TRS 1 BG	100
2003.2	
PS 4	20
2051.0	
PTK-SP OG	50
17368.3	
KSS 2-8	10
2886.0	
ES 35/K/ST BG	50
2828.0	
SDB 0.8x4.0	1
1087.0	
PMC SB 8/40 WH	400
9323.7	

Stud connection system HSKG



The newest generation of stud terminals from **CONTA-CLIP** offers secure connections for all energy-transmitting applications. Depending on the wire cross-section, the **HSKG** stud terminals can be used with M6, M8, M10, M12 and M16 threaded studs. The rated current is from 125 A to 520 A with a rated voltage of 1000 V. The wire connection range is from 2.5 mm² to 300 mm². Wires with crimped cable lugs are applied to threaded bolts and then connected securely to the busbar by tightening the hex nut. Optimal security is guaranteed by the low voltage drop and by the use of self-extinguishing material with a V0 (UL94) flammability rating.

When used together with the **ADH** hinged covers, the **HSKG** stud terminals provide outstanding finger and touch protection. The **ADH** cover is easy to mount; it simply snaps into the side walls of the stud terminals as it is closed. In this quick and reliable way, touch-safe protection of the terminal points is always guaranteed.



Terminal holders and covers made from Polyamide 6.6 V0

- Self-extinguishing, UL94-V0 flammability class
- Creepage-current protected, CTI = 600
- Temperature resistance: -40° to +120°C
- Spec. contact resistance: 10¹³ Ohm/cm
- Spec. surface resistance: 10¹⁵ Ohm/cm
- Temp. index, mechanical: 120°C (at 0.8 mm)
- Temp. index, electrical: 120°C (at 0.8 mm)
- Relative temperature index, electrical: 130°C (at 0.8 mm)
- Pollutant-free

Standards

The following standard terminal block requirements are fulfilled:

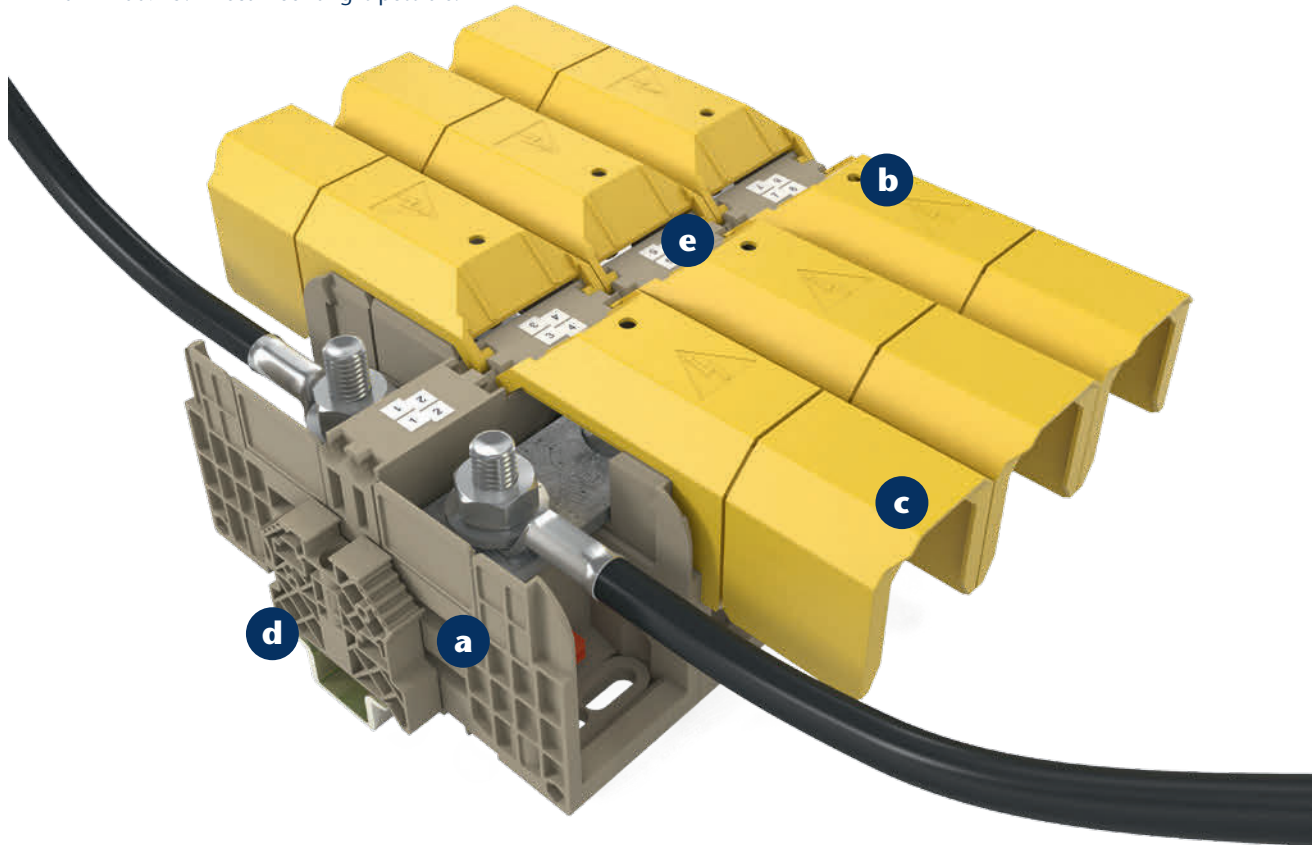
- EN 60947-7-1
- EN 50124-1
- DIN EN 61373

Stud connection system HSKG

Features

a Base terminal HSKG
CONTA-CLIP stud terminals can be arranged as required on standard **TS 35** DIN rails in accordance with EN 60715. Direct mounting is possible.

b Measurement port
The **ADH** has an opening used to measure the voltage.



c Covers ADH
The **ADH** covers can be snapped on, simply and securely, to the matching clips in the partitions. In this quick and reliable way, touch-safe protection of the terminal points is always guaranteed.

d End stop ES 35/K/ST
The **ES 35/K/ST** end stops grip both sides of the DIN rail with steel clamps. They are a secure method of mechanical attachment in terminal rail design. The plastic PA 6.6 housing of the brackets encapsulates the metal parts.

Handling

Stud terminals:

Cable lugs are crimped onto the wire ends to facilitate the connection. The cable lugs are placed on the studs between the combi-nut and the busbar. The cable lugs should be aligned opposite each other when there are two lugs per stud. When the nut is tightened, the flats of the cable lugs clamp together and a secure connection is ensured.

e Labelling | Marking
The stud terminals have a labelling surface which is optimally suited for **CONTA-CLIP's** **PMC** Pocket-Maxicard standard marking systems.

Stud connection system HSKG

The features in detail

Stud connection

- Stud sizes: M6, M8, M10, M12 to M16
- Wire with cable lug acc. to DIN 46234: up to 300 mm²
- Two cable lugs can be connected per stud

Easy to use

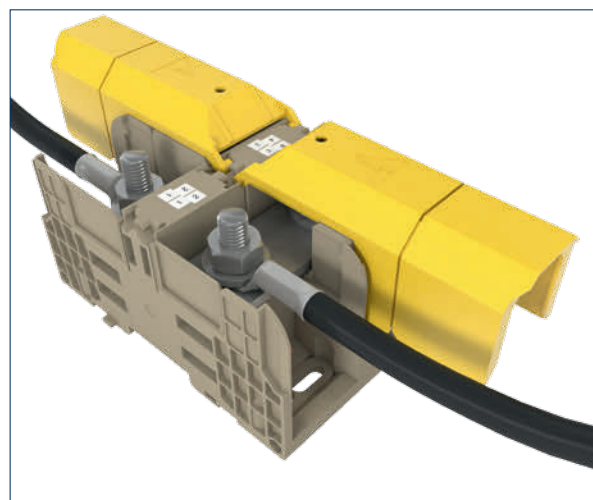
- Place cable lugs on the stud
- By tightening the steel nut, the cable lugs forms a contact with the other cable lug or with the busbar

Secure contacts

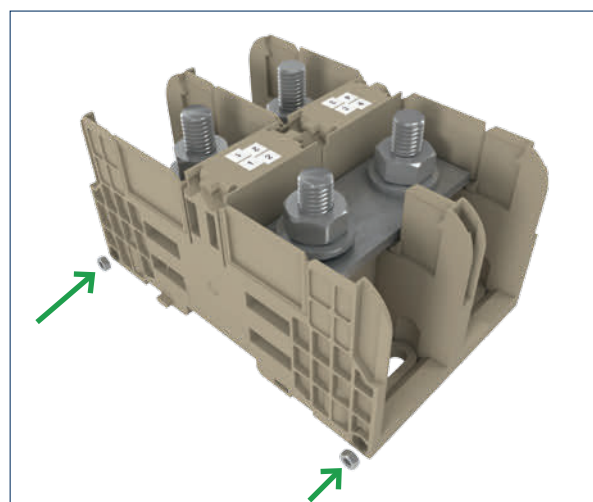
- Maintenance-free; subsequent tightening of the nut is not needed
- High contact strength and vibration resistance provided by the safety/spring washer and combi-nut
- Direct contact of cable lugs, or contact via copper busbar

Mounting options

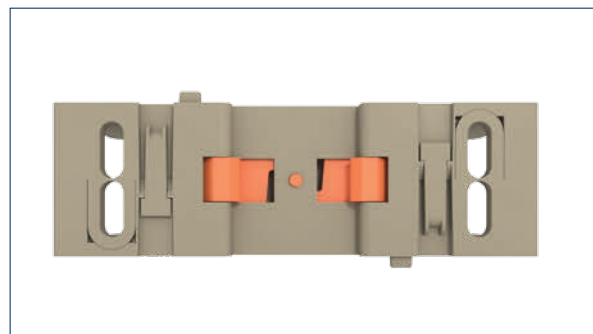
- Sliding lock on both sides: can be attached to TS 35 DIN rail
- Direct mount possible using the integrated slots in the housing base



Connecting the wire



Additional bolting options



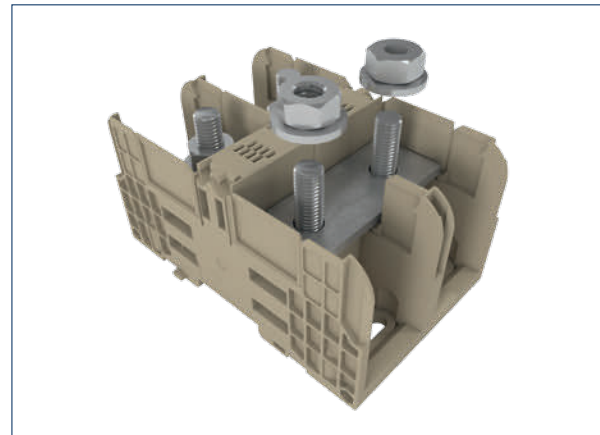
TS mount / direct mount

Stud connection system HSKG

Handling and accessories

Cross-connections

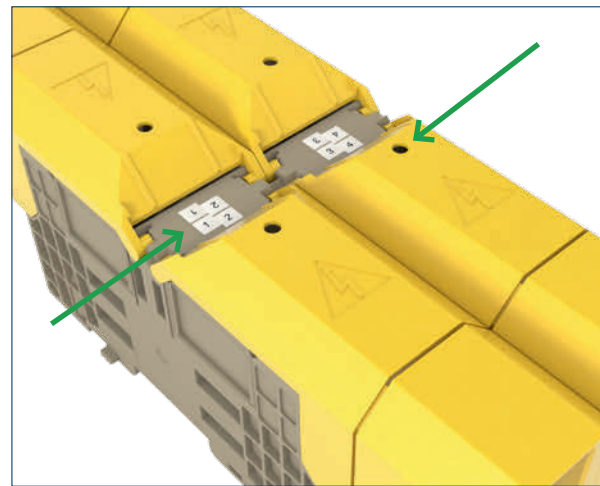
- 2 -pole and 3-pole version
- Possible to distribute potentials between the different sizes
- Designed for the rated current of the corresponding stud terminal
- Speedy distribution of potentials helps save time



Attaching the cross-connections

Labelling and testing

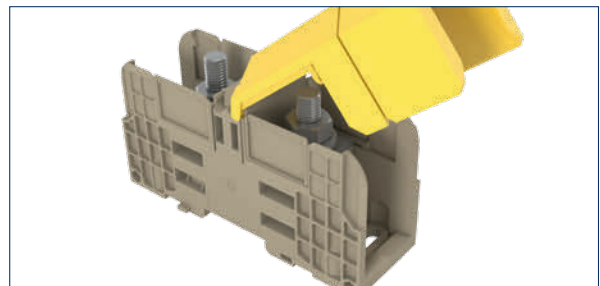
- Receptacles for standard markers
- Openings in the **ADH** covers for measuring voltage



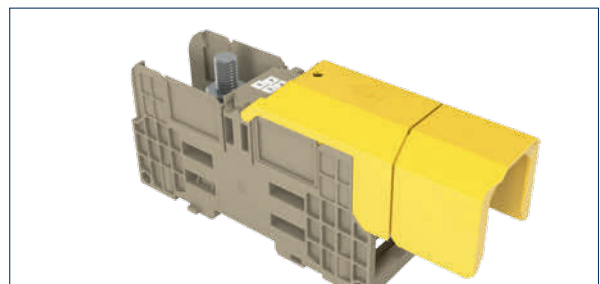
Marking options with the PMC and voltage measurement opening

Using the ADH covers

Individual **AH...** covers are available for each width of stud terminal. They are designed for the different sizes and the corresponding clearance and creepage distances. It is also possible to shorten the covers along pre-created breakage points. The **ADH** cover is attached by pressing the cover down onto the base terminal so that the cover snaps onto the terminal.



ADH open



ADH closed

High-power stud terminals HSKG

Stud connection system



- Foot can be snapped on TS 35 DIN rail
- Direct mount
- Stud connection
- Housing made from polyamide 6.6 UL 94-V0

Connection diagram

HSKG 35/M6/B/B



HSKG 70/M8/B/B



HSKG 120/M10/B/B



Connection type

Size (L x W x H) with TS 35 x 7.5
 Size (L x W x H) with TS 35 x 7.5, including ADH on both sides

TYPE

Type Colour

Cat. no.

Stud connection

107 x 27 x 51

131 x 27 x 60

Qty.

HSKG 35/M6/B/B BG

17170.2

10

Stud connection

132 x 32 x 61

180 x 32 x 70

Qty.

HSKG 70/M8/B/B BG

17035.2

10

Stud connection

133 x 42 x 72

226 x 42 x 80

Qty.

HSKG 120/M10/B/B BG

17023.2

5

Colours available

Ratings

Rated voltage, V

Rated current, A

Rated cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Flamm. class acc. to UL 94

Connection data

Clamping area, mm²

Stud size

Clampable cable lug

DIN 46234 / 1 cable lug per side, mm²

DIN 46234 / 2 cable lugs per side, mm²

DIN 46235 / 1 cable lug per side, mm²

DIN 46235 / 2 cable lugs per side, mm²

Torque, Nm

Features

Material of insulated housing | Temperature range

Accessories

Cover profile ADH

Cat. no.

Cover profile ADH

Cat. no.

Cover profile ADH

Cat. no.

QS cross-connection rail

Cat. no.

QS cross-connection rail

Cat. no.

End stop ES

Cat. no.

Quick marking PMC SB

Cat. no.

②

IEC* UL* cUL*

1000 1000 600

125 115 130

35 | 14-2

8 | 3

V0

2.5 - 50

M6

2.5 - 50

6 - 25

3 - 6

PA 6.6 | -40 to +120°C

②

IEC* UL* cUL*

1000 1000 600

192 175 170

70 | 14-00

8 | 3

V0

2.5 - 95

M8

2.5 - 95

16 - 70

6 - 12

PA 6.6 | -40 to +120°C

②

IEC UL cUL

1000 1000 600

269 310 310

120 | 10-Kcmil 250

8 | 3

V0

≤ 120

M10

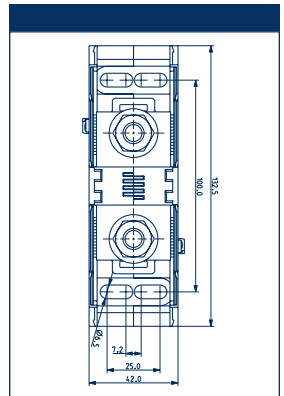
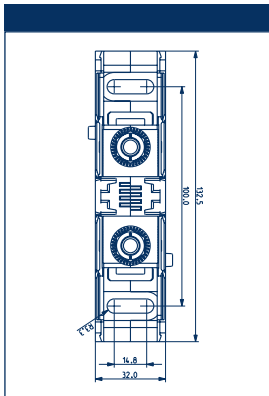
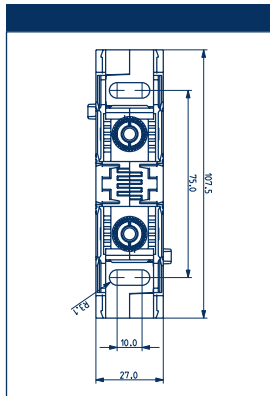
6 - 150

6 - 120

16 - 120

PA 6.6 | -40 to +120°C

Dimension diagram



*Approval applied for!

High-power stud terminals HSKG



Stud connection
164 x 55 x 78
288 x 55 x 90

Stud connection
164 x 55 x 86
288 x 55 x 90

Qty.
HSKG 185/M12/B/B BG
17024.2 5

Qty.
HSKG 300/M16/B/B BG
17027.2 5

IEC	UL	cUL
1000	1000	600
353	380	360
185 10-Kcmil 500		
8 3		
V0		
≤ 185		
M12		
10 - 240		
10 - 185		
25 - 240		
25 - 185		
14 - 31		

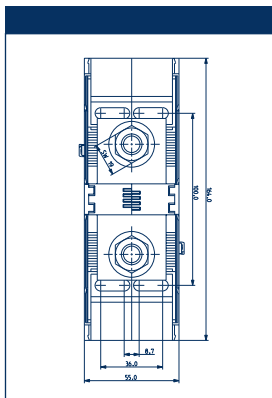
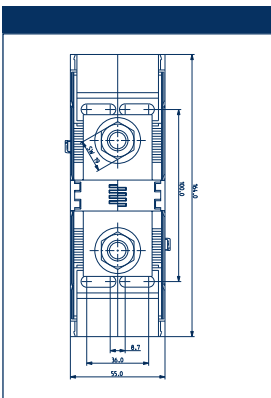
IEC	UL	cUL
1000	1000	600
520	500	510
300 10-Kcmil 600		
8 3		
V0		
≤ 300		
M16		
25 - 240		
50 - 240		
50 - 300		
50 - 240		
25 - 60		

PA 6.6 | -40 to +120°C

PA 6.6 | -40 to +120°C

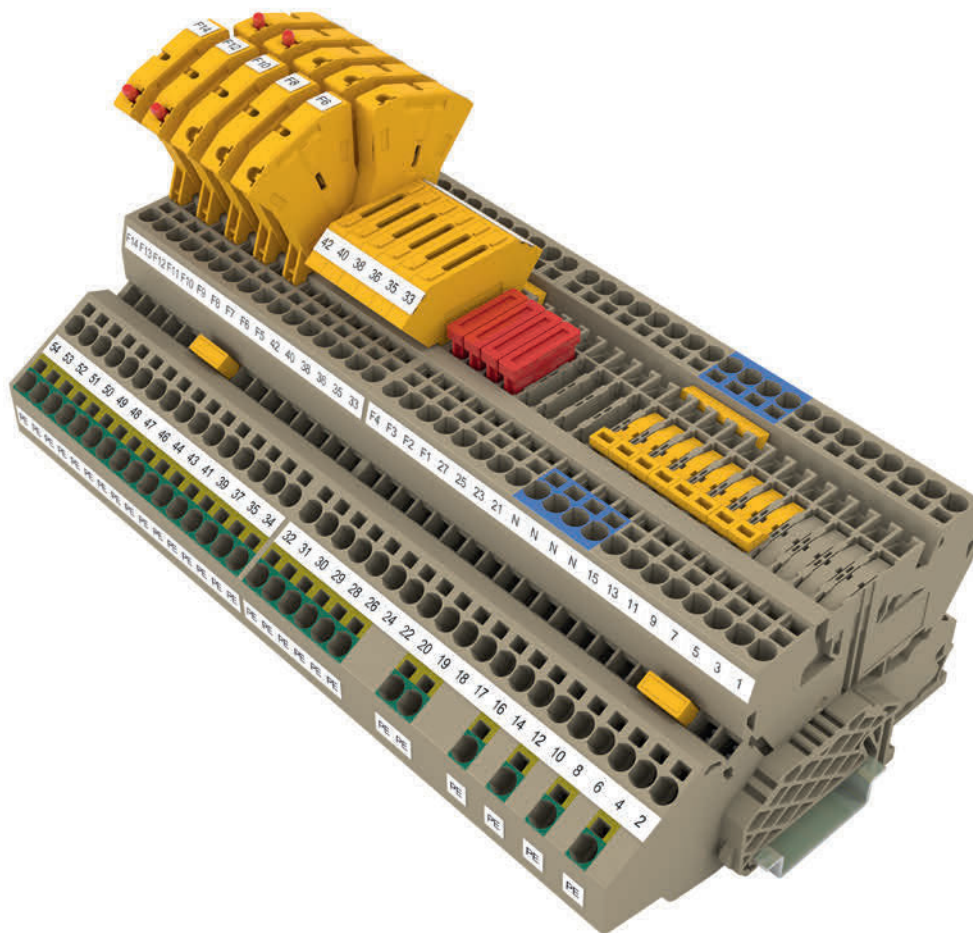
Qty.
ADH 185/300 BG 17123.2 10
ADH 185/300 BU 17123.5 10
ADH 185/300 YE 17123.8 10
QS 2/185/12 17243.0 10
QS 3/185/12 17244.0 10
ES 35/K/ST BG 2828.0 50
PMC SB 6/50 WH 4702.7 500

Qty.
ADH 185/300 BG 17123.2 10
ADH 185/300 BU 17123.5 10
ADH 185/300 YE 17123.8 10
QS 2/300/16 17245.0 10
QS 3/300/16 17246.0 10
ES 35/K/ST BG 2828.0 50
PMC SB 6/50 WH 4702.7 500



Three-conductor functional terminals FDLI

The **FDLI** three-conductor functional terminals offer a wide range of functions and many different application possibilities at a width of 5.1 mm.



Three-conductor functional terminals **FDLI**

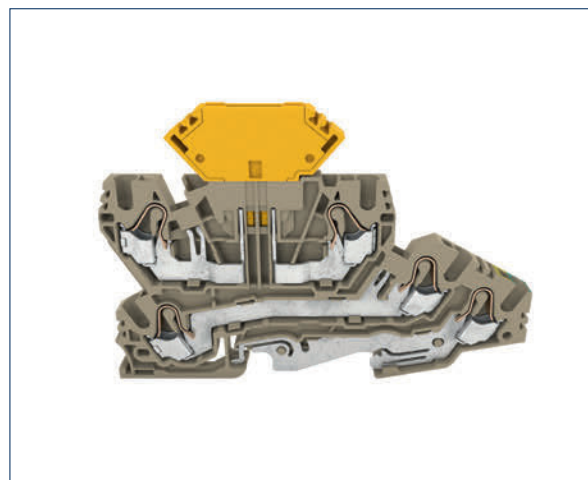
The base terminals of the new **FDLI 2.5-4** series are available in eight different versions. Our products offer users with the best solution for all applications: whether they are using our feed-through terminals, feed-through terminals with disconnect-blade or the empty terminal versions together with custom-fit accessories.

Features

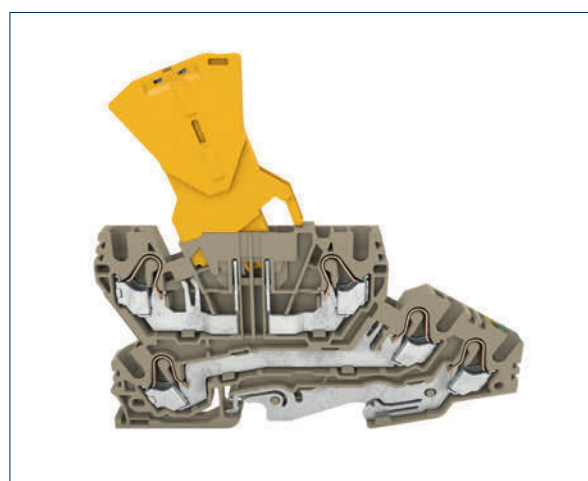
- Terminal housing can be snapped on TS 35 rail
- Terminal width 5.1 mm
- Base terminal FDLI 2.5-4 OT: our wide range of accessories permits many combinations
- PE foot makes contact with the DIN rail on both sides

Three-conductor functional terminals FDLI

Solid wires and flexible wires with wire-end ferrules can be inserted into the connection mechanism without the need for tools. The maximum connection cross-section is 4 mm². The **FQI** cross-connections are available with 2 to 50 poles, are insulated and have a pluggable design. They cross-connect up to the rated current of the **FDLI** terminals.



Without the need for any additional accessories, the **FDLI 2.5-4 OT** base terminals be fitted with: the **SI C** automotive fuses, the **ZS/H** fuse plugs (for 5 x 20 mm micro-fuses) with or without LED, or the **ZDS** isolator and component connectors.



As with all **CONTA-CLIP** PE terminals, the **FDLI** terminals also implement a two-sided contact with the DIN rail. This solid, contiguous construction guarantees low contact resistance as well as the high security of the internal-spring PE contact foot.



Three-conductor functional terminals FDLI

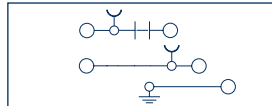
PushIn-connection system



- Foot can be snapped on TS 35 DIN rail
- Housing made from polyamide 6.6 UL 94-V0

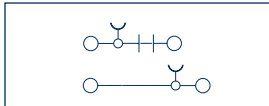
Connection diagram

FDLI 2.5-4 NT/L/PE



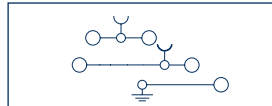
Three-conductor installation terminal w/extract. lever, 5 connections

FDLI 2.5-4 NT/L



Three-conductor installation terminal w/extract. lever, 4 connections

FDLI 2.5-4 L/L/PE



Three-conductor installation terminal, 5 connections

Connection type

Size (L x W x H) mm with TS 35 x 7.5 mm

Pressure-spring connection

101 x 5.1 x 55.6

Pressure-spring connection

101 x 5.1 x 55.6

Pressure-spring connection

101 x 5.1 x 54

Type

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Colours available

Ratings

Rated voltage, V

Rated current, A

Rated cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) | stranded, mm²

Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm²

Clamping area, mm²

Stripping length, mm

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off option

Accessories

End plate FAPDT

Cat. no.

Insulated cross-connector FQI

Cat. no. 2-pole

Insulated cross-connector FQI

Cat. no. 3-pole

Insulated cross-connector FQI

Cat. no. 4-pole

Insulated cross-connector FQI

Cat. no. 5-pole

Insulated cross-connector FQI

Cat. no. 6-pole

Insulated cross-connector FQI

Cat. no. 7-pole

Insulated cross-connector FQI

Cat. no. 8-pole

Insulated cross-connector FQI

Cat. no. 9-pole

Insulated cross-connector FQI

Cat. no. 10-pole

Insulated cross-connector FQI

Cat. no. 50-pole

Feed through connectors

Cat. no.

End stop ZES

Cat. no.

Screwdriver SDB

Cat. no.

Quick marking PMC SB

Cat. no.

Qty.

FDLI 2.5-4 NT/L/PE

3283.2 50

FDLI 2.5-4 MT/L/PE

3282.2 50

②

IEC* UL* CSA*

400 300 300

18/32 15 15

4 | 26-10

6 | 3

A3 | V0

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

12

PA 6.6 | -40 to +120°C

2 | -

Qty.

FAPDT 4 BG

3487.2 20

FQI 2.5-4/2 YE

3492.8 50

FQI 2.5-4/3 YE

3493.8 50

FQI 2.5-4/4 YE

3494.8 20

FQI 2.5-4/5 YE

3495.8 20

FQI 2.5-4/6 YE

3496.8 20

FQI 2.5-4/7 YE

3497.8 20

FQI 2.5-4/8 YE

3498.8 10

FQI 2.5-4/9 YE

3499.8 10

FQI 2.5-4/10 YE

3490.8 10

FQI 2.5-4/50 YE

3491.8 5

ZES 35 BG

3748.2 50

SDB 0.4x2.0

3164.0 1

PMC SB 5/50 WH

4600.7 500

Qty.

FDLI 2.5-4 NT/L

3284.2 50

FDLI 2.5-4 MT/L

3289.2 50

②

IEC* UL* CSA*

400 300 300

18/32 15 15

4 | 26-10

6 | 3

A3 | V0

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

12

PA 6.6 | -40 to +120°C

2 | -

Qty.

FAPDT 4 BG

3487.2 20

FQI 2.5-4/2 YE

3492.8 50

FQI 2.5-4/3 YE

3493.8 50

FQI 2.5-4/4 YE

3494.8 20

FQI 2.5-4/5 YE

3495.8 20

FQI 2.5-4/6 YE

3496.8 20

FQI 2.5-4/7 YE

3497.8 20

FQI 2.5-4/8 YE

3498.8 10

FQI 2.5-4/9 YE

3499.8 10

FQI 2.5-4/10 YE

3490.8 10

FQI 2.5-4/50 YE

3491.8 5

ZES 35 BG

3748.2 50

SDB 0.4x2.0

3164.0 1

PMC SB 5/50 WH

4600.7 500

Qty.

FDLI 2.5-4 L/L/PE

3285.2 50

②

IEC* UL* CSA*

400 300 300

18/32 15 15

4 | 26-10

6 | 3

A3 | V0

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

12

PA 6.6 | -40 to +120°C

2 | -

Qty.

FAPDT 4 BG

3487.2 20

FQI 2.5-4/2 YE

3492.8 50

FQI 2.5-4/3 YE

3493.8 50

FQI 2.5-4/4 YE

3494.8 20

FQI 2.5-4/5 YE

3495.8 20

FQI 2.5-4/6 YE

3496.8 20

FQI 2.5-4/7 YE

3497.8 20

FQI 2.5-4/8 YE

3498.8 10

FQI 2.5-4/9 YE

3499.8 10

FQI 2.5-4/10 YE

3490.8 10

FQI 2.5-4/50 YE

3491.8 5

ZES 35 BG

3748.2 50






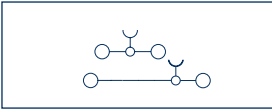
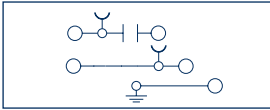
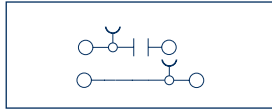








SDB 0.4x2.0

3164.0 1

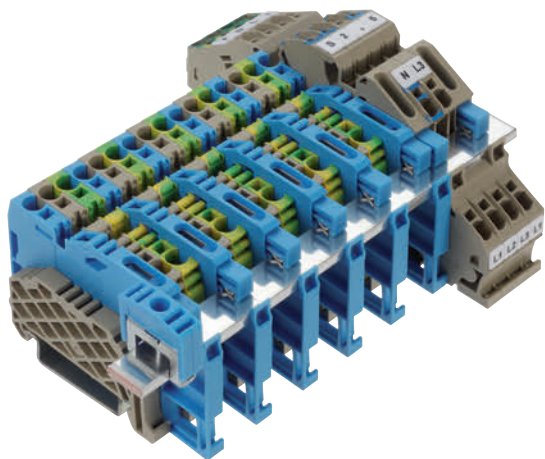
PMC SB 5/50 WH

4600.7 500

Three-conductor functional terminals FDLI

FDLI 2.5-4 L/L	FDLI 2.5-4 OT/L/PE	FDLI 2.5-4 OT/L	FDLI 2.5-4 OT..	
				
				
Three-conductor installation terminal, 4 connections	Three-conductor installation base terminal, 5 connections	Three-conductor installation base terminal, 4 connections	Combination FDLI 2.5-4 OT.. with disconnect plug	Disconnect plug
Pressure-spring connection 101 x 5.1 x 54	Pressure-spring connection 101 x 5.1 x 54	Pressure-spring connection 101 x 5.1 x 54		
Qty.	Qty.	Qty.	Qty.	Qty.
FDLI 2.5-4 L/L 3286.2 50	FDLI 2.5-4 OT/L/PE 3287.2 50	FDLI 2.5-4 OT/L 3288.2 50	Type colour ZDS 1/ZTR Cat. no. 3612.2  20	
			Type colour ZDS 2/ZTR Cat. no. 3613.2  20	
			Type colour ZDS 3/ZTR Cat. no. 3614.2  20	
			Type colour ZDS 4/ZTR Cat. no. 3615.2  20	
			Soldered diode 1N4007	
②	②	②	FDLI 2.5-4 OT..	
IEC* 400 UL* 300 CSA* 300	IEC* 400 UL* 300 CSA* 300	IEC* 400 UL* 300 CSA* 300		
18/32 15 15	15**/32 15 15	15**/32 15 15	Combination FDLI 2.5-4 OT.. with fuse plugs	Fuse plug for 5 x 20 fuses
4 26-10	4 26-10	4 26-10		
6 3	6 3	6 3		
A3 V0	A3 V0	A3 V0		
0.2-4 -	0.2-4 -	0.2-4 -		
0.2-4 0.2-2.5	0.2-4 0.2-2.5	0.2-4 0.2-2.5		
0.2-4	0.2-4	0.2-4		
12	12	12		
PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C		
2 -	2 -	2 -		
Qty.	Qty.	Qty.	Voltage	Qty.
FAPDT 4 BG 3487.2 20	FAPDT 4 BG 3487.2 20	FAPDT 4 BG 3487.2 20	Type Colour ZS/H0/ZTR Cat. no. 3635.2 20	
FQI 2.5-4/2 YE 3492.8 50	FQI 2.5-4/2 YE 3492.8 50	FQI 2.5-4/2 YE 3492.8 50	Type colour ZS/H1/ZTR/36 Cat. no. 3631.2 10V-36V 20	
FQI 2.5-4/3 YE 3493.8 50	FQI 2.5-4/3 YE 3493.8 50	FQI 2.5-4/3 YE 3493.8 50	Type colour ZS/H2/ZTR/70 Cat. no. 3632.2 35V-70V 20	
FQI 2.5-4/4 YE 3494.8 20	FQI 2.5-4/4 YE 3494.8 20	FQI 2.5-4/4 YE 3494.8 20	Type colour ZS/H3/ZTR/150 Cat. no. 3633.2 60V-150 V 20	
FQI 2.5-4/5 YE 3495.8 20	FQI 2.5-4/5 YE 3495.8 20	FQI 2.5-4/5 YE 3495.8 20	Type colour ZS/H4/ZTR/250 Cat. no. 3634.2 140V-250 V 20	
FQI 2.5-4/6 YE 3496.8 20	FQI 2.5-4/6 YE 3496.8 20	FQI 2.5-4/6 YE 3496.8 20		
FQI 2.5-4/7 YE 3497.8 20	FQI 2.5-4/7 YE 3497.8 20	FQI 2.5-4/7 YE 3497.8 20	FDLI 2.5-4 OT..	
FQI 2.5-4/8 YE 3498.8 10	FQI 2.5-4/8 YE 3498.8 10	FQI 2.5-4/8 YE 3498.8 10		
FQI 2.5-4/9 YE 3499.8 10	FQI 2.5-4/9 YE 3499.8 10	FQI 2.5-4/9 YE 3499.8 10	Combination FDLI 2.5-4 OT.. with automotive fuse	Automotive fuse
FQI 2.5-4/10 YE 3490.8 10	FQI 2.5-4/10 YE 3490.8 10	FQI 2.5-4/10 YE 3490.8 10		
FQI 2.5-4/50 YE 3491.8 5	FQI 2.5-4/50 YE 3491.8 5	FQI 2.5-4/50 YE 3491.8 5		
MT-FIX BG 3488.2 20	MT-FIX BG 3488.2 20	MT-FIX BG 3488.2 20		
ZES 35 BG 3748.2 50	ZES 35 BG 3748.2 50	ZES 35 BG 3748.2 50		
SDB 0.4x2.0 3164.0 1	SDB 0.4x2.0 3164.0 1	SDB 0.4x2.0 3164.0 1		
PMC SB 5/50 WH 4600.7 500	PMC SB 5/50 WH 4600.7 500	PMC SB 5/50 WH 4600.7 500		
			Type	Cat. no.
			SI C 0.500 A/32V	4990.0 blue 100
			SI C 1.000 A/32V	4991.0 black 100
			SI C 2.000 A/32V	4992.0 grey 100
			SI C 3.000 A/32V	4993.0 violet 100
			SI C 4.000 A/32V	4994.0 pink 100
			SI C 5.000 A/32V	4995.0 bright brown 100
			SI C 7.500 A/32V	4996.0 brown 100
			SI C 10.000 A/32V	4997.0 red 100
			SI C 15.000 A/32V	4998.0 turquoise 100
			SI C 20.000 A/32V	4999.0 yellow 100

Our pressure-spring, single-level installation terminals **FRKI** | **FSLI** are divided into three functional groups: feed-through, protective earth, and neutral disconnect terminals.



The **FNT** neutral disconnect terminals feature an integrated receptacle for attaching the 10x3-mm neutral busbar. No additional holding plate is required. A secure contact to the neutral busbar is established using the no-screw slider for the neutral conductor.

With the **FSLI** protective earth terminals, the PE potential is connected via the PE foot (which contacts the DIN rail on both sides).

Solid wires and flexible wires with wire-end ferrules can be inserted into the connection mechanism without the need for tools. The pressure spring opens automatically when the wire is inserted; this ensures a secure contact with the busbar. A standard screwdriver can be used to open the clamp for release and for the insertion of stranded wire without ferrules.

Combinations with the FDLIS three-level installation terminal

The one-level terminals – **FRKI**, **FSLI**, and **FNT** – can be used in combination with the three-level **FDLIS** installation terminals because the height of the neutral busbar is identical in both versions.

PushIn- connection system



- Foot can be snapped on TS 35 DIN rail
- Housing made from polyamide 6.6 UL 94-V0

Connection type

Size (L x W x H)
with TS 35 x 7.5 mm

Type

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Colours available

Ratings

Rated voltage, V

Rated current, A

Rated wire cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) | stranded (flexible), mm²

Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm²

Contact wire range, mm²

Stripping length, mm

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off option

Accessories

FAPI end plate

Cat. no.

FIQI insulated cross-connector

Cat. no.

FIQI insulated cross-connector

Cat. no.

FIQI insulated cross-connector

Cat. no.

FIQI insulated cross-connector

Cat. no.

FIQI insulated cross-connector

Cat. no.

FIQI insulated cross-connector

Cat. no.

FIQI insulated cross-connector

Cat. no.

FIQI insulated cross-connector

Cat. no.

FIQI insulated cross-connector

Cat. no.

Four-way cover FAD

Cat. no.

End stop ZES

Cat. no.

Screwdriver SDB

Cat. no.

Quick marking PMC SB

Cat. no.

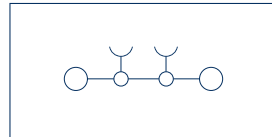
Wire-end ferrule for compact connection spaces

Cat. no.

Plate for busbar

Cat. no.

FRKI 2.5-4



Installation feed-through terminal, 2 connections

Pressure-spring connection

52.5 x 5.1 x 37.5

52.5 x 5.1 x 38.5

	Qty.
FRKI 2.5-4 BG	100
3276.2	
FRKI 2.5-4 BU	100
3276.5	
FRKI 2.5-4 OG	100
3276.3	

IEC*	CSAus*	CSA*
800	600	600
32	30	30
4 20-10	8 3	
	A4 V0	
0.5-6 -		
0.6-6 0.5-4		
0.08-6		
12		

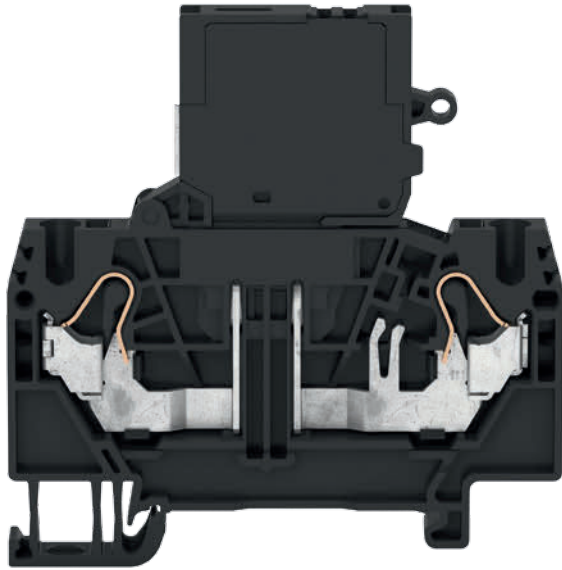
PA 6.6 | -40 to +120°C
2 | -

	Qty.
FAPI 2.5-4/2A BG	20
3484.2	
FIQI 2.5-4/2 YE	20
17402.8	
FIQI 2.5-4/3 YE	20
17403.8	
FIQI 2.5-4/4 YE	20
17404.8	
FIQI 2.5-4/5 YE	20
17405.8	
FIQI 2.5-4/6 YE	20
17406.8	
FIQI 2.5-4/7 YE	20
17407.8	
FIQI 2.5-4/8 YE	10
17408.8	
FIQI 2.5-4/9 YE	10
17409.8	
FIQI 2.5-4/10 YE	10
17400.8	
FAD 2.5/4/ B YE	20
3426.8	
ZES 35/2 BG	50
3811.2	
SDB 0.4 x 2.0	1
3164.0	
PMC SB 5/50 WH	500
4600.7	
H 4,0/20-D SR GR	500
3194.0	

*Approval applied for!

FSLI 2.5-4			FNT 2.5-4			FRKI 6-10			FSLI 6-10			FNT 6-10		
Installation PE terminal, 2 connections			Neutral disconnect terminal 1 connection			Installation feed-through terminal, 2 connections			Installation PE terminal, 2 connections			Neutral disconnect terminal 1 connection		
Pressure-spring connection 52.5 x 5.1 x 37.5 52.5 x 5.1 x 38.5			Pressure-spring connection 64 x 5.1 x 41.5 64 x 5.1 x 42.5			Pressure-spring connection 56.5 x 8.1 x 39.8 56.5 x 8.1 x 40.5			Pressure-spring connection 56.5 x 8.1 x 39.8 56.5 x 8.1 x 40.5			Pressure-spring connection 67.5 x 8.1 x 39.8 67.5 x 8.1 x 40.5		
Qty.			Qty.			Qty.			Qty.			Qty.		
FSLI 2.4-4 GNYE 3279.2 100			FNT 2.5-4 BU 3273.5 100			FRKI 6-10 BG 3277.2 100 FRKI 6-10 BU 3277.5 100 FRKI 6-10 OG 3277.3 100			FSLI 6-10 GNYE 3280.2 100			FNT 6-10 BU 3274.5 100		
2			5			2 5 3			2			5		
IEC* CSAus* CSA*			IEC* CSAus* CSA*			IEC* UL* CSA*			IEC* UL* CSA*			IEC* UL* CSA*		
250 32			250 32			800 57			250 32			250 32		
4 20-10 8 3 A4 V0			4 20-10 8 3 A4 V0			10 22-10 8 3 A5 V0			10 22-10 8 3 A5 V0			10 22-10 8 3 A5 V0		
0.5-6 - 0.6-6 0.5-4 0.08-6 12			0.5-6 - 0.6-6 0.5-4 0.08-6 12			1.5-10 - 1.5-10 1.5-10 1.5-10 12			1.5-10 - 1.5-10 1.5-10 1.5-10 12			1.5-10 - 1.5-10 1.5-10 1.5-10 12		
PA 6.6 -40 to +120°C 1 -			PA 6.6 -40 to +120°C 1 -			PA 6.6 -40 to +120°C 2 -			PA 6.6 -40 to +120°C 1 -			PA 6.6 -40 to +120°C 1 -		
Qty.			Qty.			Qty.			Qty.			Qty.		
FAPI 2.5-4/2A GN 3484.1 20			FAPI 2.5-4/2A BU 3484.5 20 FIQI 2.5-4/2 YE 17402.8 20 FIQI 2.5-4/3 YE 17403.8 20 FIQI 2.5-4/4 YE 17404.8 20 FIQI 2.5-4/5 YE 17405.8 20 FIQI 2.5-4/6 YE 17406.8 20 FIQI 2.5-4/7 YE 17407.8 20 FIQI 2.5-4/8 YE 17408.8 10 FIQI 2.5-4/9 YE 17409.8 10 FIQI 2.5-4/10 YE 17400.8 10			FAPI 6-10/2A BG 3485.2 20 FIQI 6-10/2 YE 17412.8 50 FIQI 6-10/3 YE 17413.8 50 FIQI 6-10/4 YE 17414.8 20 FIQI 6-10/5 YE 17415.8 20 FIQI 6-10/6 YE 17416.8 20 FIQI 6-10/7 YE 17417.8 20 FIQI 6-10/8 YE 17418.8 10 FIQI 6-10/9 YE 17419.8 10 FIQI 6-10/10 YE 17410.8 10			FAPI 6-10/2A GN 3485.1 20			FAPI 6-10/2A BU 3485.5 20 FIQI 6-10/2 YE 17412.8 50 FIQI 6-10/3 YE 17413.8 50 FIQI 6-10/4 YE 17414.8 20 FIQI 6-10/5 YE 17415.8 20 FIQI 6-10/6 YE 17416.8 20 FIQI 6-10/7 YE 17417.8 20 FIQI 6-10/8 YE 17418.8 10 FIQI 6-10/9 YE 17419.8 10 FIQI 6-10/10 YE 17410.8 10		
FAD 2.5/4/ B YE 3426.8 20			FAD 2.5/4/ B YE 3426.8 20			ZES 35/2 BG 3811.2 50			ZES 35/2 BG 3811.2 50			ZES 35/2 BG 3811.2 50		
SDB 0.4 x 2.0 3164.0 1			SDB 0.4 x 2.0 3164.0 1			SDB 0.6x3.5 1086.0 1			SDB 0.6x3.5 1086.0 1			SDB 0.6x3.5 1086.0 1		
PMC SB 5/50 WH 4600.7 500			PMC SB 5/50 WH 4600.7 500			PMC SB 8/40 WH 9323.7 500			PMC SB 8/40 WH 9323.7 500			PMC SB 8/40 WH 9323.7 500		
H 4,0/20-D SR GR 3194.0 500			H 4,0/20-D SR GR 3194.0 500			H 10,0/22-D SR IV 3026.0 500			H 10,0/22-D SR IV 3026.0 500			H 10,0/22-D SR IV 3026.0 500		
HP FDLIS 10x3 BU 3483.5 20			HP FDLIS 10x3 BU 3483.5 20			HP FDLIS 10x3 BU 3483.5 20			HP FDLIS 10x3 BU 3483.5 20			HP FDLIS 10x3 BU 3483.5 20		

Fuse-disconnect terminals FSIK



The fuse-disconnect terminals **FSIK** feature an extraction lever that locks into its end position. This allows a spare fuse to be attached inside or an illuminated display to be mounted.

Two cross-connection channels within the fuse-disconnect terminals allow for potentials to be distributed to adjacent fused terminals from the **FSIK** series! For multiplying the potentials, we offer the **FQI** standard connection system, available with from 2 to 10 poles. Two or three extraction levers can be coupled and operated simultaneously by using the **VBS** connection sleeves.

Versions are available with or without the status display.

PushIn-connection system



- Foot can be snapped on TS 35 DIN rail
- Housing made from polyamide 6.6 UL 94-V0

Connection diagram

Connection type

Size (L x W x H)

Size (L x W x H) with TS 35 x 7.5 mm

Type

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Colours available

Ratings

Rated voltage, V

Rated current, A

Rated cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Max. power loss on fuse, W

Connection data

Single wire (solid) | stranded (flexible), mm²

Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm²

Clamping area, mm²

Stripping length, mm

Fuse size, mm

Cross-current via LED, mA

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off option

Accessories

End plate FAPSI

Cat. no.

Insulated cross-connection SQI

Cat. no.

2-pole

Insulated cross-connection SQI

Cat. no.

3-pole

Insulated cross-connection SQI

Cat. no.

4-pole

Insulated cross-connection SQI

Cat. no.

5-pole

Insulated cross-connection SQI

Cat. no.

6-pole

Insulated cross-connection SQI

Cat. no.

7-pole

Insulated cross-connection SQI

Cat. no.

8-pole

Insulated cross-connection SQI

Cat. no.

9-pole

Insulated cross-connection SQI

Cat. no.

10-pole

Connecting sleeve VBS

Cat. no.

2-pole

Connecting sleeve VBS

Cat. no.

3-pole

End stop ZES

Cat. no.

Screwdriver SDB

Cat. no.

Quick marking PMC SB

Cat. no.

Wire-end ferrule for compact connection spaces

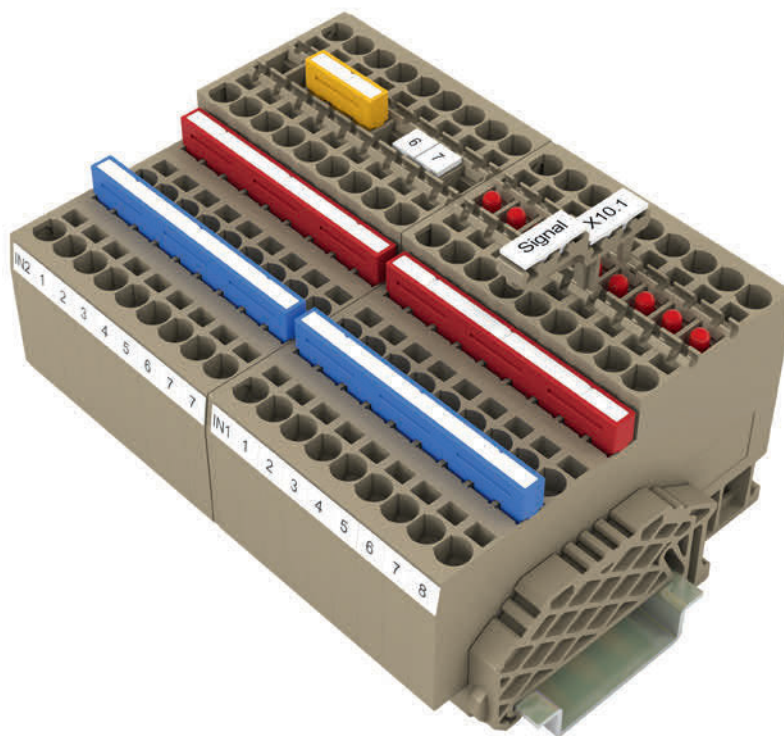
Cat. no.

Fuse-disconnect terminals FSIK

FSIK 4/2A			FSIK 4/2A/LED					
Fuse-disconnect terminal 2 connections/extraction lever			Fuse-disconnect terminal 2 connections/extraction lever					
Pressure-spring connection 67.5 x 6.1 x 69 67.5 x 6.1 x 70			Pressure-spring connection 67.5 x 6.1 x 69 67.5 x 6.1 x 70					
Qty.			Qty.					
FSIK 4/2A BK 3290.4 25			FSIK 4/2A/LED/12-30V AC/DC 3291.4 25					
			FSIK 4/2A/LED/30-60V AC/DC 3292.4 25					
			FSIK 4/2A/LED/110-250V AC/DC 3293.4 25					
4			4					
IEC*			IEC*					
250			See above					
6.3			6.3					
4 24-10			4 24-10					
6 3			6 3					
A3 V0			A3 V0					
1.6			1.6					
0.2-4 -			0.2-4 -					
0.2-2.5 0.2-2.5			0.2-2.5 0.2-2.5					
0.2-4			0.2-4					
12			12					
5 x 20			5 x 20					
5			5					
PA 6.6 -40 to +120°C			PA 6.6 -40 to +120°C					
1 0			1 0					
Qty.			Qty.					
FAPSI 4/2A BK 3489.4 20			FAPSI 4/2A BK 3489.4 20					
FQI 4/2 YE 3472.8 50			FQI 4/2 YE 3472.8 50					
FQI 4/3 YE 3473.8 20			FQI 4/3 YE 3473.8 20					
FQI 4/4 YE 3474.8 20			FQI 4/4 YE 3474.8 20					
FQI 4/5 YE 3475.8 20			FQI 4/5 YE 3475.8 20					
FQI 4/6 YE 3476.8 20			FQI 4/6 YE 3476.8 20					
FQI 4/7 YE 3477.8 10			FQI 4/7 YE 3477.8 10					
FQI 4/8 YE 3478.8 10			FQI 4/8 YE 3478.8 10					
FQI 4/9 YE 3479.8 10			FQI 4/9 YE 3479.8 10					
FQI 4/10 YE 3470.8 10			FQI 4/10 YE 3470.8 10					
VBS 2/10 OG 2873.3 20			VBS 2/10 OG 2873.3 20					
VBS 3/10 OG 2874.3 20			VBS 3/10 OG 2874.3 20					
ZES 35/2 BG 3811.2 50			ZES 35/2 BG 3811.2 50					
SDB 0.4x2.0 3164.0 1			SDB 0.4x2.0 3164.0 1					
PMC SB 6/50 WH 4702.7 500			PMC SB 6/50 WH 4702.7 500					
H 4,0/20-D SR GR 3194.0 500			H 4,0/20-D SR GR 3194.0 500					

Initiator terminals FIK

CONTA-CLIP extends the pressure-spring connection system with the new Initiator terminals **FIK 2.5** in the **CONTA-CONNECT** product range.



To operate electromechanical functions on machines and equipment, it is necessary to connect sensor signals, the actuators and messages with the control unit. To reduce the wiring effort and enable faster troubleshooting these signals are combined to decentralized units.

The **FIK 2.5** terminals allow to use the upper level for the signal wiring and the lower level for the supply voltages e.g. the plus/minus distribution.

A separate feed in terminal is not needed, since each terminal provides the possibility of receiving a wire up to 2.5 mm² with ferrule. The rated current of each individual distributed potential is 24A.

Features

- **Three-wire connection at a width of 5.1mm**
- **Pressure-spring connection system, Push-In**
- **Cross connection via standard**
- **Cross-connection system FQI 2.5**
- **Rated current 24A**
- **Versions with LED for signaling the switching states**
- **Clear marking option for each signal, base terminal and marking adapter**

Initiator terminals FIK

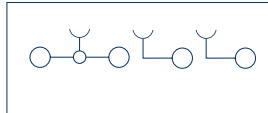
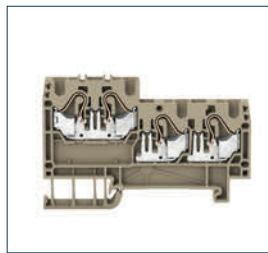
PushIn-connection system



- Foot can be snapped on TS 35 DIN rail
- Housing made from polyamide 6.6 UL 94-V0

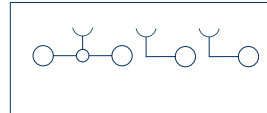
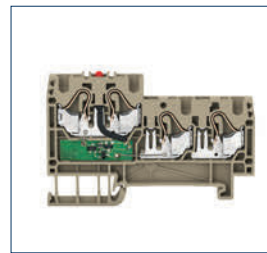
Connection diagram

FIK 2,5/3



Initiator terminal,
4 connections

FIK 2,5/3/LED



Initiator terminal,
4 connections with LED

Connection type

Size (L x B x H) mm

Size (L x B x H) mm with TS 35 x 7,5 mm

TYP

Typ / Colour

Cat. no.

Colours available

Ratings

Rated voltage V

Rated current, A

Rated wire cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) | stranded (flexible), mm²

Finely-stranded|finely-stranded (w/ferrules DIN 46 228/1), mm²

Contact wire range, mm²

Stripping length, mm

Cross-current via LED, mA

Features

Material of insulated housing | Temperaturerange

Number of cross-connection channels | Test pick-off option

Accessories

End plate FAPIK

Cat. no.

Insulated cross-connection FQI

Cat. no. 2-poles

Insulated cross-connection FQI

Cat. no. 3-poles

Insulated cross-connection FQI

Cat. no. 4-poles

Insulated cross-connection FQI

Cat. no. 5-poles

Insulated cross-connection FQI

Cat. no. 6-poles

Insulated cross-connection FQI

Cat. no. 7-poles

Insulated cross-connection FQI

Cat. no. 8-poles

Insulated cross-connection FQI

Cat. no. 9-poles

Insulated cross-connection FQI

Cat. no. 10-poles

Insulated cross-connection FQI

Cat. no. 50-poles

Cross-connection

Colours available

End stop ZES

Cat. no.

Screwdriver SDB

Cat. no.

Bezeichnungsadapter FBA

Cat. no.

Quick marking PMC SB

Cat. no.

Pressure-spring connection

72 x 5.1 x 47

72 x 5.1 x 48

VPE

FIK 2.5/3 BG

3295.2

100

②

IEC*

250

24

2.5 | 26-12

4 | 3

A3 | V0

0.2-4 | -

0.2-4

0.2-4

12

-

PA 6.6 | -40°C bis +120°C

3 | 0

FAPIK 2,5/3 BG

17430.2

FQI 2,5/2 YE

3462.8

FQI 2,5/3 YE

3463.8

FQI 2,5/4 YE

3464.8

FQI 2,5/5 YE

3465.8

FQI 2,5/6 YE

3466.8

FQI 2,5/6 YE

3467.8

FQI 2,5/8 YE

3468.8

FQI 2,5/9 YE

3469.8

FQI 2,5/10 YE

3460.8

FQI 2,5/50 YE

3461.8

④ ⑤ ⑧ ⑨

ZES 35/2 BG

3811.2

SDB 0,5x3,0

1085.0

FBA 1 BG

3424.2

PMC SB 5/50 WH

4600.7

Pressure-spring connection

72 x 5.1 x 47

72 x 5.1 x 48

VPE

FIK 2.5/3/LED(RD) BG

3296.2

100

②

IEC*

24

24

2.5 | 26-12

4 | 3

A3 | V0

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

12

5

PA 6.6 | -40°C bis +120°C

3 | 0

FAPIK 2,5/3 BG

17430.2

FQI 2,5/2 YE

3462.8

FQI 2,5/3 YE

3463.8

FQI 2,5/4 YE

3464.8

FQI 2,5/5 YE

3465.8

FQI 2,5/6 YE

3466.8

FQI 2,5/6 YE

3467.8

FQI 2,5/8 YE

3468.8

FQI 2,5/9 YE

3469.8

FQI 2,5/10 YE

3460.8

FQI 2,5/50 YE

3461.8

④ ⑤ ⑧ ⑨

ZES 35/2 BG

3811.2

SDB 0,5x3,0

1085.0

FBA 1 BG

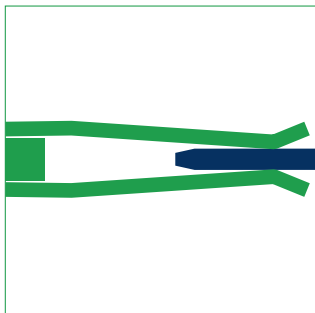
3424.2

PMC SB 5/50 WH

4600.7

*Approval applied for

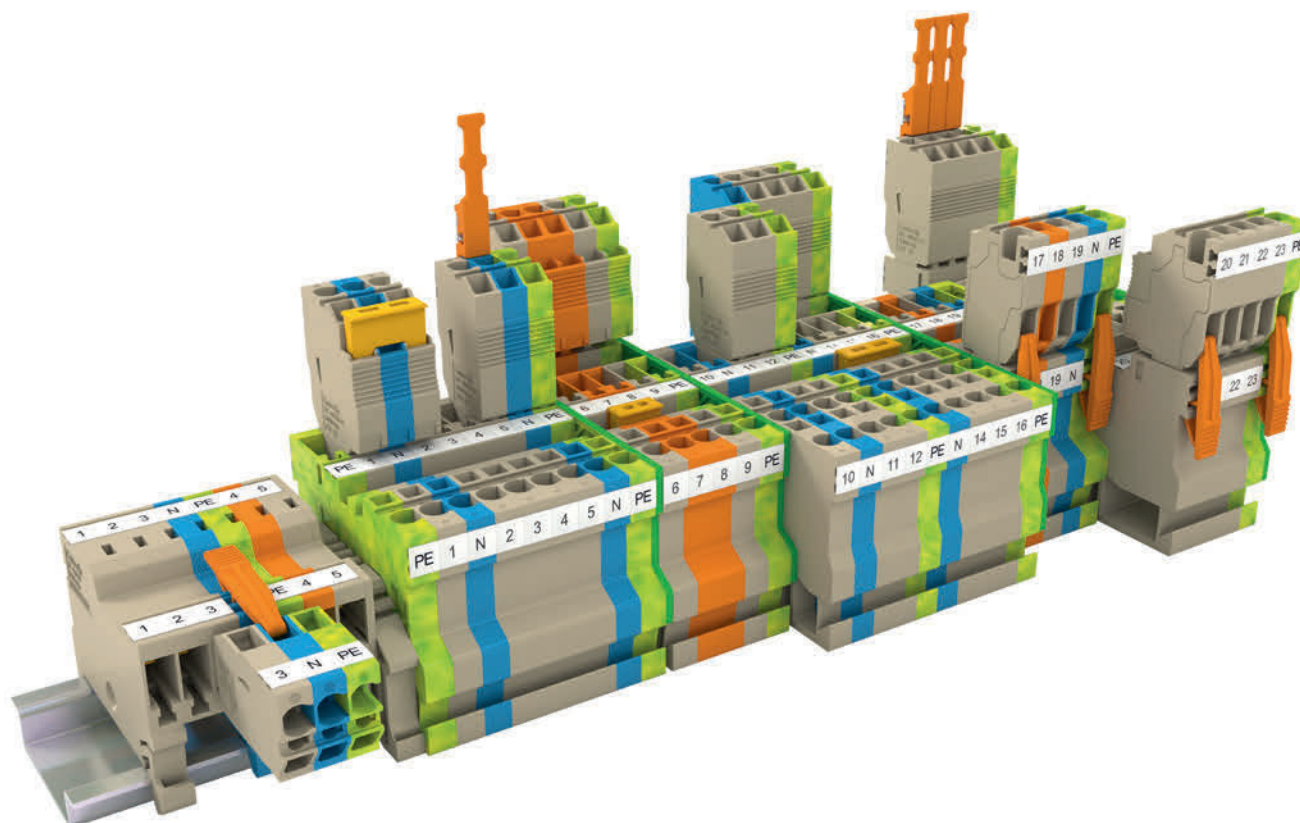
Pluggable tension-spring connection system ZST



CONTA-CLIP's modular and flexible **ZST** connection systems are in high demand wherever off-the-shelf units need to be connected or replaced. Pluggable wiring is thus permitted up to a rated current of 24 A and a rated voltage of 500 V.

Advantages of the ZST tension-spring connection system:

- Quick installation and mounting
- Flexible and modular building block principle
- High level of wiring safety due to unique coding option
- Highest mechanical stability of the pluggable elements in the base terminals



Pluggable tension-spring connection system ZST

a The connection | Contact security

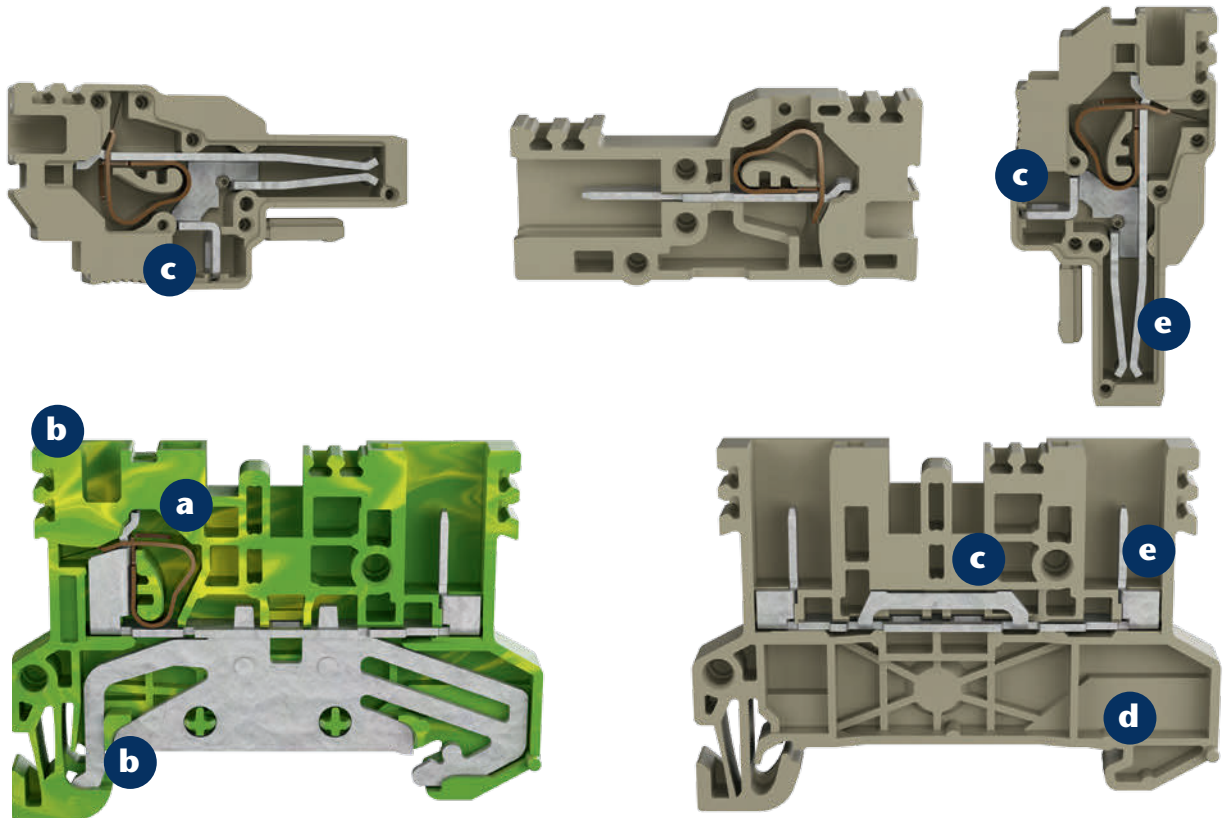
The tension spring for the wire connection is held securely by the busbar.

- The stainless steel spring provides permanent contact force between the wire and the busbar
- There is a clear separation of electrical and mechanical functions
- The busbars are made from copper with tin surface coating
- Resistant to vibration and maintenance-free
- Corrosion-free
- Space-saving design

b Quick and easy to wire

The easy-to-operate tension-spring connection mechanism reduces your wiring times.

- Easy to work with
- Easy to operate, even under cramped working conditions, because of the TOP connection
- Generous wire-entry geometry
- Saves time and money
- PE foot contact on both sides – can be snapped on (no screws) to TS 35 x 7.5 and TS 35 x 15 rails



c Pluggable cross-connection options

- Available in 2 – 10 and 99 poles (for custom assemblies)
- Simple to insert and thus quicker to install
- No insulation plates or partition plates required between neighbouring cross-connections, since the **ZQIs** have a touch-safe protective design
- Cross-connection can carry the full rated current and voltage of the corresponding terminal block
- Individual terminals can be skipped over by breaking out contact pins in the cross-connector

d Housing insulation material

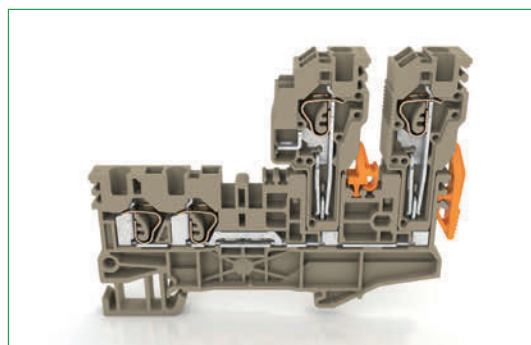
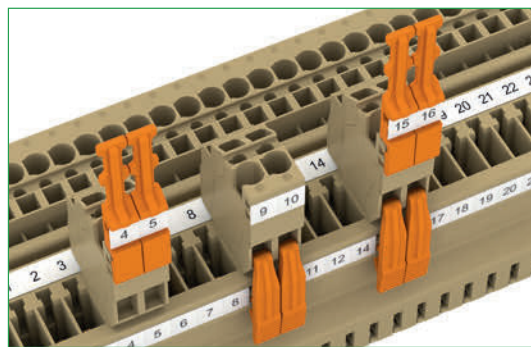
- Polyamide PA6.6 UL 94, flammability class V0, self-extinguishing without burning drops
- Free of hazardous materials such as halogen or phosphor
- Creepage resistance: CTI 600
- Temperature resistant -40°C to +120°C

e Pluggable contact

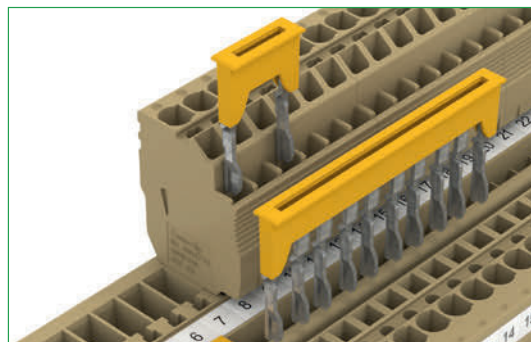
- Rated current 24A
- Rated voltage 500V
- Vibration resistant
- Codable

Pluggable tension-spring connection system ZST

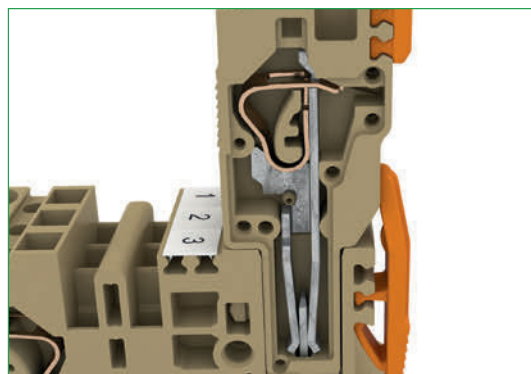
The base terminals and plugs can also be fitted with a snap-on locking latch. A snap-in strain relief mechanism ensures that the connected wires have a stable mechanical attachment to the terminal block.



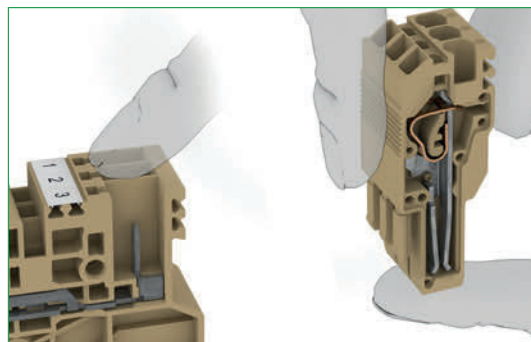
Distributing potentials with the pluggable **ZQI** cross-connection system is quick and easy. It is possible to skip over terminals by breaking out individual contact elements.



The special alloy of the contact material and the shape of the contact spring both guarantee a secure contact even in the most extreme vibration conditions.

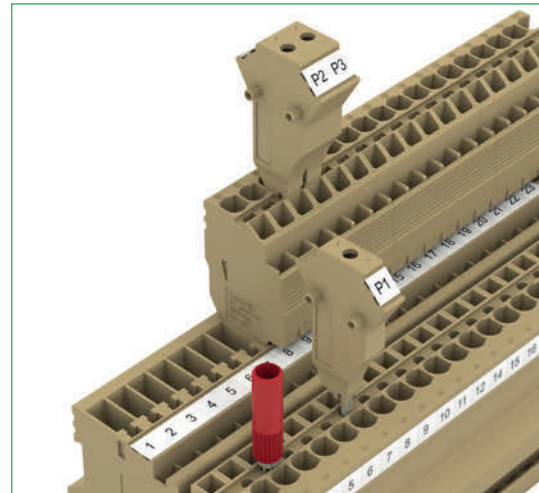


The base terminals and the pluggable versions are designed so that they are finger-touch safe. This feature provides excellent protection for the user and also permits power to be fed-in via the terminal or the plug.

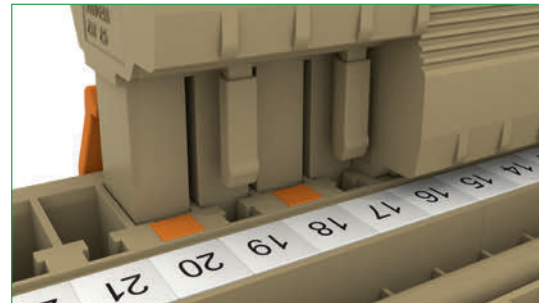


Pluggable tension-spring connection system ZST

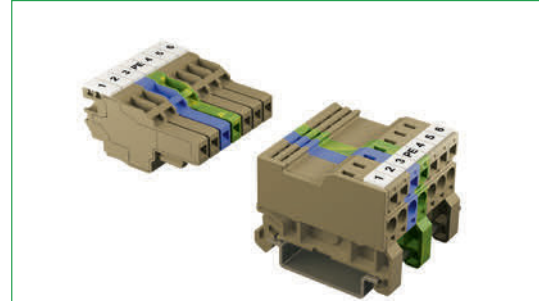
A direct measurement can be carried out at the busbar on the corresponding terminal by using test plugs. The test adapters can be assembled to any pole count using the locking pegs. They can be used to test assembled terminal blocks in a quick and safe manner.



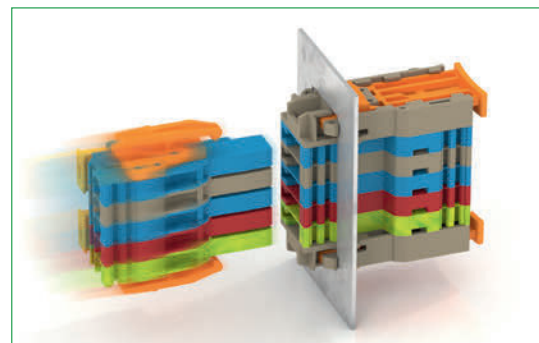
Using our **CONTA-CLIP** coding system, you can code your base terminals and plug couplings to protect them against plugging errors – without any loss of poles.



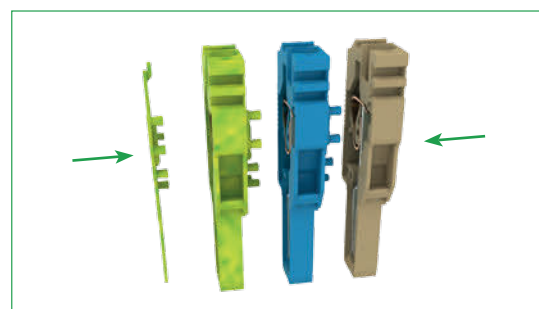
The **ZSTK 2.5** plug coupling is suitable for applications with low height restrictions. These couplings are available for TS 15 and TS 35 DIN rail mounts or as flying leads.



Effective wall bushings can be constructed simply by snapping the **ZST-WA** wall-bushing mounting adapter onto the **ZSTK 2.5/.../B** coupling element. These multi-pole units snap on sideways to the wall; the pressure on the inner slide mechanism ensures a secure attachment to the housing! The outer connector unit can be optionally fitted with locking elements.

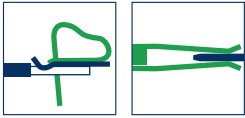


The base terminals and the pluggable versions can be individually linked and configured according to your application requirements.



Pluggable tension-spring connection system ZST

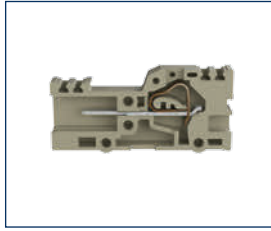
Pluggable tension-spring connection system



- Versatile mounting on TS 15, TS 35 or as flying lead coupling
- Finger-touch safe construction
- Codable
- Freely configurable

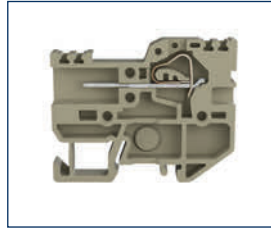
Connection diagram

ZSTK 2.5/1A/1S-H/B



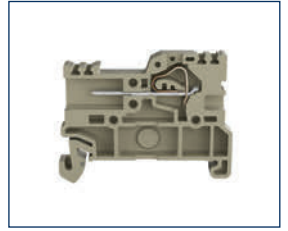
Horizontal plug coupling

ZSTK 2.5/1A/1S-H/15



Horizontal plug coupling
TS 15

ZSTK 2.5/1A/1S-H/35



Horizontal plug coupling
TS 35

Connection type

Size (L x W x H), mm
Size (L x W x H) mm with TS 15 x 5.5 mm
Size (L x W x H) mm with TS 35 x 7.5 mm

Type

Type Colour
Cat. no.
Type Colour with housing pegs
Cat. no.
Type Colour Block version
Cat. no.

Colours available

Ratings

Rated voltage, V
Rated current, A
Rated cross-section, mm² | AWG
Rated impulse voltage, kV | Contamination degree
Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) | stranded, mm²
Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm²
Clamping area, mm²
Stripping length, mm

Features

Material of insulated housing | Temperature range
Number of cross-connection channels | Test pick-off option

Accessories

End plate ZAPSK
Cat. no.
Locking
Cat. no.
Strain relief
Cat. no.
Codable
Cat. no.
Insulated cross-connector ZQI
Cat. no. 2-pole
Insulated cross-connector ZQI
Cat. no. 3-pole
Insulated cross-connector ZQI
Cat. no. 4-pole
Insulated cross-connector ZQI
Cat. no. 5-pole
Insulated cross-connector ZQI
Cat. no. 6-pole
Insulated cross-connector ZQI
Cat. no. 7-pole
Insulated cross-connector ZQI
Cat. no. 8-pole
Insulated cross-connector ZQI
Cat. no. 9-pole
Insulated cross-connector ZQI
Cat. no. 10-pole
Insulated cross-connector ZQI
Cat. no. 99-pole
Four-way cover ZAD
Cat. no.
End stop ZES
Cat. no.
Metal actuating tool BWMA
Cat. no.
Quick marking PMC SB
Cat. no.

Tension-spring connection

40 x 5.1 x 19

Qty.

ZSTK 2.5/1A/1S-H/Z/B BG
3679.2 100



IEC* UL* CSA**

500 300 300
24 20 20
2.5 | 20-12
8 | 3
A3 | V0

0.5-4 | -

0.5-4 | 0.5-2.5

0.5-4

10

PA 6.6 | -40 to +120°C
0 | 1

Qty.

ZAPSK 2.5/1A/1S BG
3686.2 50
ZST-V OG
3687.3 50
ZST-Z OG
3688.3 50
ZST-C OG
3689.3 50

Tension-spring connection

40 x 5.1 x 32
40 x 5.1 x 33

Qty.

ZSTK 2.5/1A/1S-H/15 BG
3676.2 100
ZSTK 2.5/1A/1S-H/Z/15 BG
3677.2 100
ZSTK 2.5/1A/1S-H/Z/B/15 BG
3668.2 100



IEC* UL* CSA**

500 300 300
24 20 20
2.5 | 20-12
8 | 3
A3 | V0

0.5-4 | -

0.5-4 | 0.5-2.5

0.5-4

10

PA 6.6 | -40 to +120°C
0 | 1

Qty.

ZAPSK 2.5/1A/1S BG
3686.2 50
ZST-V OG
3687.3 50
ZST-Z OG
3688.3 50
ZST-C OG
3689.3 50

Tension-spring connection

44 x 5.1 x 30

Qty.

ZSTK 2.5/1A/1S-H/35 BG
3674.2 100
ZSTK 2.5/1A/1S-H/Z/35 BG
3675.2 100
ZSTK 2.5/1A/1S-H/Z/B/35 BG
3667.2 100



IEC* UL* CSA**

500 300 300
24 20 20
2.5 | 20-12
8 | 3
A3 | V0

0.5-4 | -

0.5-4 | 0.5-2.5

0.5-4

10

PA 6.6 | -40 to +120°C
0 | 1

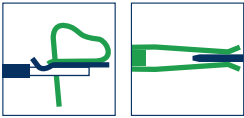
Qty.

ZAPSK 2.5/1A/1S BG
3686.2 50
ZST-V OG
3687.3 50
ZST-Z OG
3688.3 50
ZST-C OG
3689.3 50

*Approval applied for! | ** CAUTION: NOT FOR INTERRUPTING CURRENT! | ATTENTION: NE PAS UTILISER POUR COUPER LE COURANT!

Pluggable tension-spring connection system ZST

Pluggable tension-spring connection system



- Finger-touch safe construction
- Codable
- Freely configurable

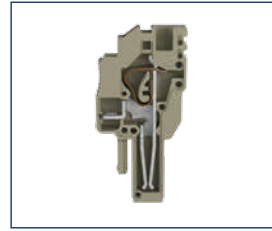
Connection diagram

ZST 2.5/1A



Plug

ZST 2.5/1A/Q



Plug cross-connection

Connection type

Size (L x W x H), mm
Size (L x W x H), mm inserted

Type

Type Colour
Cat. no.
Type Colour with housing pegs
Cat. no.
Type Colour
Cat. no.
Colours available

Ratings

Rated voltage, V
Rated current, A
Rated cross-section, mm² | AWG
Rated impulse voltage, kV | Contamination degree
Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) | stranded, mm²
Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm²
Clamping area, mm²
Stripping length, mm

Features

Material of insulated housing | Temperature range
Number of cross-connection channels | Test pick-off option

Accessories

End plate ZAPSK
Cat. no.
Locking
Cat. no.
Strain relief
Cat. no.
Codable
Cat. no.
Insulated cross-connector ZQI
Cat. no. 2-pole
Insulated cross-connector ZQI
Cat. no. 3-pole
Insulated cross-connector ZQI
Cat. no. 4-pole
Insulated cross-connector ZQI
Cat. no. 5-pole
Insulated cross-connector ZQI
Cat. no. 6-pole
Insulated cross-connector ZQI
Cat. no. 7-pole
Insulated cross-connector ZQI
Cat. no. 8-pole
Insulated cross-connector ZQI
Cat. no. 9-pole
Insulated cross-connector ZQI
Cat. no. 10-pole
Insulated cross-connector ZQI
Cat. no. 99-pole
Four-way cover ZAD
Cat. no.
End stop ZES
Cat. no.
Screwdriver / Metal actuating tool BWMA
Cat. no.
Quick marking PMC SB
Cat. no.

Tension-spring connection

42 x 5.1 x 16.5
26 x 5.1 x 16.5

Qty.

ZST 2.5/1A BG
3670.2 100
ZST 2.5/1A/Z BG
3671.2 100



IEC* **UL*** **CSA****
500 300 300
24 20 20
2.5 | 20-12
8 | 3
A3 | V0

0.5-4 | -
0.5-4 | 0.5-2.5
0.5-4
10

PA 6.6 | -40 to +120°C
0 | 1

Qty.

ZAPST 2.5/1A BG
3684.2 50

ZST-Z OG
3688.3 50

Tension-spring connection

42 x 5.1 x 21
26 x 5.1 x 21

Qty.

ZST 2.5/1A/Q BG
3672.2 100
ZST 2.5/1A/Q/Z BG
3673.2 100



IEC* **UL*** **CSA****
500 300 300
24 20 20
2.5 | 20-12
8 | 3
A3 | V0

0.5-4 | -
0.5-4 | 0.5-2.5
0.5-4
10

PA 6.6 | -40 to +120°C
1 | 1

Qty.

ZAPST 2.5/1A/Q BG
3685.2 50

ZST-Z OG
3688.3 50

ZQI 2.5/2 YE
3710.8 50

ZQI 2.5/3 YE
3711.8 50

ZQI 2.5/4 YE
3712.8 50

ZQI 2.5/5 YE
3713.8 20

ZQI 2.5/6 YE
3714.8 20

ZQI 2.5/7 YE
3715.8 20

ZQI 2.5/8 YE
3716.8 10

ZQI 2.5/9 YE
3717.8 10

ZQI 2.5/10 YE
3718.8 10

ZQI 2.5/0.5 w/99 poles YE
3719.8 1

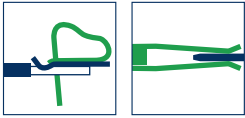
ZAD 2.5/4/B YE
3706.0 20

BWMA 1 (0.5 x 3.5 mm)
3808.0 1

PMC SB 5/50 WH
4600.7 500

Pluggable tension-spring connection system ZST

Pluggable tension-spring connection system



- Versatile mounting on TS 15, TS 35 or as flying lead coupling
- Finger-touch safe construction
- Codable
- Freely configurable

Connection diagram

Connection type

Size (L x W x H), mm
Size (L x W x H) mm with TS 35 x 7.5 mm

Type

Type Colour

Cat. no.

Type Colour

Cat. no.

Type Colour

Cat. no.

Colours available

Ratings

Rated voltage, V

Rated current, A

Rated cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) | stranded, mm²

Finely-stranded|finely-stranded (w/ferrules DIN 46 228/1), mm²

Clamping area, mm²

Stripping length, mm

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off option

Accessories

End plate ZAPS

Cat. no.

Locking

Cat. no.

Locking inside

Cat. no.

Codable

Cat. no.

Insulated cross-connector ZQI

Cat. no.

2-pole

Insulated cross-connector ZQI

Cat. no.

3-pole

Insulated cross-connector ZQI

Cat. no.

4-pole

Insulated cross-connector ZQI

Cat. no.

5-pole

Insulated cross-connector ZQI

Cat. no.

6-pole

Insulated cross-connector ZQI

Cat. no.

7-pole

Insulated cross-connector ZQI

Cat. no.

8-pole

Insulated cross-connector ZQI

Cat. no.

9-pole

Insulated cross-connector ZQI

Cat. no.

10-pole

Insulated cross-connector ZQI

Cat. no.

99-pole

Test adapters

Cat. no.

Four-way cover ZAD

Cat. no.

End stop ZES

Cat. no.

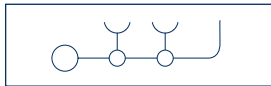
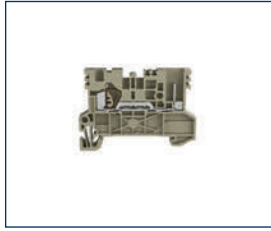
Metal actuating tool BWMA

Cat. no.

Quick marking PMC SB

Cat. no.

ZRKS 2.5/1A/1S



Feed-through terminal
2 connections

Tension-spring connection

54 x 5.1 x 38.5

54 x 5.1 x 39.5

Qty.

ZRKS 2.5/1A/1S BG

3650.2

100

ZRKS 2.5/1A/1S BU

3650.5

100

ZRKS 2.5/1A/1S OG

3650.3

100

② ③ ⑤

IEC* UL* CSA**

500 300 300

24 20 20

2.5 | 20-12

8 | 3

A3 | V0

0.5-4 | -

0.5-4 | 0.5-2.5

0.5-4

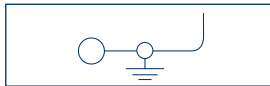
10

PA 6.6 | -40 to +120°C

2 | 1

Qty.

ZSLS 2.5/1A/1S



PE terminal
2 connections

Tension-spring connection

54 x 5.1 x 38.5

54 x 5.1 x 39.5

Qty.

ZSLS 2.5/1A/1S GNYE

3660.2

100

②

IEC* UL* CSA**

500 300 300

24 20 20

2.5 | 20-12

8 | 3

A3 | V0

0.5-4 | -

0.5-4 | 0.5-2.5

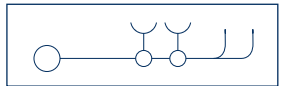
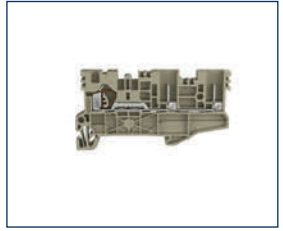
0.5-4

10

PA 6.6 | -40 to +120°C

1 | 1

ZRKS 2.5/1A/2S



Feed-through terminal
3 connections

Tension-spring connection

72.5 x 5.1 x 38.5

72.5 x 5.1 x 39.5

Qty.

ZRKS 2.5/1A/2S BG

3651.2

100

ZRKS 2.5/1A/2S BU

3651.5

100

ZRKS 2.5/1A/2S OG

3651.3

100

② ③ ⑤

IEC* UL* CSA**

500 300 300

24 20 20

2.5 | 20-12

8 | 3

A3 | V0

0.5-4 | -

0.5-4 | 0.5-2.5

0.5-4

10

PA 6.6 | -40 to +120°C

2 | 1

Qty.

ZAPS 2.5/1A/2S BG

3681.2

50

ZST-V OG

3687.3

50

ZST-V-I OG

3690.3

50

ZST-C OG

3689.3

50

ZQI 2.5/2 YE

3710.8

50

ZQI 2.5/3 YE

3711.8

50

ZQI 2.5/4 YE

3712.8

50

ZQI 2.5/5 YE

3713.8

20

ZQI 2.5/6 YE

3714.8

20

ZQI 2.5/7 YE

3715.8

20

ZQI 2.5/8 YE

3716.8

10

ZQI 2.5/9 YE

3717.8

10

ZQI 2.5/10 YE

3718.8

10

ZQI 2.5/0.5 w/99 poles YE

3719.8

1

ZTA 2.5 BG

3740.2

10

ZAD 2.5/4/B YE

3706.0

20

ZES 35/2 BG

3811.2

50

BWMA 1 (0.5 x 3.5 mm)

3808.0

1

PMC SB 5/50 WH

4600.7

500

*Approval applied for! | ** CAUTION: NOT FOR INTERRUPTING CURRENT! | ATTENTION: NE PAS UTILISER POUR COUPER LE COURANT!

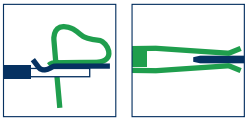
Pluggable tension-spring connection system ZST

ZSLS 2.5/1A/2S	ZRKS 2.5/2A/1S	ZSLS 2.5/2A/1S	ZRKS 2.5/2A/2S	ZSLS 2.5/2A/2S
PE terminal 3 connections	Feed-through terminal 3 connections	PE terminal 3 connections	Feed-through terminal 4 connections	PE terminal 4 connections
Tension-spring connection 72.5 x 5.1 x 38.5 72.5 x 5.1 x 39.5	Tension-spring connection 64 x 5.1 x 38.5 64 x 5.1 x 39.5	Tension-spring connection 64 x 5.1 x 38.5 64 x 5.1 x 39.5	Tension-spring connection 82 x 5.1 x 38.5 82 x 5.1 x 39.5	Tension-spring connection 82 x 5.1 x 38.5 82 x 5.1 x 39.5
Qty. ZSLS 2.5/1A/2S GNYE 3661.2 100	Qty. ZRKS 2.5/2A/1S BG 3652.2 100 ZRKS 2.5/2A/1S BU 3652.5 100 ZRKS 2.5/2A/1S OG 3652.3 100	Qty. ZSLS 2.5/2A/1S GNYE 3662.2 100	Qty. ZRKS 2.5/2A/2S BG 3653.2 100 ZRKS 2.5/2A/2S BU 3653.5 100 ZRKS 2.5/2A/2S OG 3653.3 100	Qty. ZSLS 2.5/2A/2S GNYE 3663.2 100
IEC* UL* CSA**	IEC* UL* CSA**	IEC* UL* CSA**	IEC* UL* CSA**	IEC* UL* CSA**
2.5 20-12 8 3 A3 V0	2.5 20-12 8 3 A3 V0	2.5 20-12 8 3 A3 V0	2.5 20-12 8 3 A3 V0	2.5 20-12 8 3 A3 V0
0.5-4 - 0.5-4 0.5-2.5 0.08-4 10	0.5-4 - 0.5-4 0.5-2.5 0.5-4 10	0.5-4 - 0.5-4 0.5-2.5 0.5-4 10	0.5-4 - 0.5-4 0.5-2.5 0.5-4 10	0.5-4 - 0.5-4 0.5-2.5 0.5-4 10
PA 6.6 -40 to +120°C 1 1	PA 6.6 -40 to +120°C 2 1	PA 6.6 -40 to +120°C 1 1	PA 6.6 -40 to +120°C 2 1	PA 6.6 -40 to +120°C 1 1
Qty. ZAPS 2.5/1A/2S GN 3681.1 50 ZST-V OG 3687.3 50 ZST-V-I OG 3690.3 50 ZST-C OG 3689.3 50	Qty. ZAPS 2.5/2A/1S BG 3682.2 50 ZST-V OG 3687.3 50 ZST-C OG 3689.3 50 ZQI 2.5/2 YE 3710.8 50 ZQI 2.5/3 YE 3711.8 50 ZQI 2.5/4 YE 3712.8 50 ZQI 2.5/5 YE 3713.8 20 ZQI 2.5/6 YE 3714.8 20 ZQI 2.5/7 YE 3715.8 20 ZQI 2.5/8 YE 3716.8 10 ZQI 2.5/9 YE 3717.8 10 ZQI 2.5/10 YE 3718.8 10 ZQI 2.5/0.5 w/99 poles YE 3719.8 1	Qty. ZAPS 2.5/2A/2S GN 3682.1 50 ZST-V OG 3687.3 50 ZST-C OG 3689.3 50	Qty. ZAPS 2.5/2A/2S BG 3683.2 50 ZST-V OG 3687.3 50 ZST-V-I OG 3690.3 50 ZST-C OG 3689.3 50 ZQI 2.5/2 YE 3710.8 50 ZQI 2.5/3 YE 3711.8 50 ZQI 2.5/4 YE 3712.8 50 ZQI 2.5/5 YE 3713.8 20 ZQI 2.5/6 YE 3714.8 20 ZQI 2.5/7 YE 3715.8 20 ZQI 2.5/8 YE 3716.8 10 ZQI 2.5/9 YE 3717.8 10 ZQI 2.5/10 YE 3718.8 10 ZQI 2.5/0.5 w/99 poles YE 3719.8 1	Qty. ZAPS 2.5/2A/2S GN 3683.1 50 ZST-V OG 3687.3 50 ZST-V-I OG 3690.3 50 ZST-C OG 3689.3 50
ZTA 2.5 BG 3740.2 10 ZAD 2.5/4/B YE 3706.0 20 ZES 35/2 BG 3811.2 50 BWMA 1 (0.5 x 3.5 mm) 3808.0 1 PMC SB 5/50 WH 4600.7 500	ZTA 2.5 BG 3740.2 10 ZAD 2.5/4/B YE 3706.0 20 ZES 35/2 BG 3811.2 50 BWMA 1 (0.5 x 3.5 mm) 3808.0 1 PMC SB 5/50 WH 4600.7 500	ZTA 2.5 BG 3740.2 10 ZAD 2.5/4/B YE 3706.0 20 ZES 35/2 BG 3811.2 50 BWMA 1 (0.5 x 3.5 mm) 3808.0 1 PMC SB 5/50 WH 4600.7 500	ZTA 2.5 BG 3740.2 10 ZAD 2.5/4/B YE 3706.0 20 ZES 35/2 BG 3811.2 50 BWMA 1 (0.5 x 3.5 mm) 3808.0 1 PMC SB 5/50 WH 4600.7 500	ZTA 2.5 BG 3740.2 10 ZAD 2.5/4/B YE 3706.0 20 ZES 35/2 BG 3811.2 50 BWMA 1 (0.5 x 3.5 mm) 3808.0 1 PMC SB 5/50 WH 4600.7 500

*Approval applied for! | ** CAUTION: NOT FOR INTERRUPTING CURRENT! | ATTENTION: NE PAS UTILISER POUR COUPER LE COURANT!

Pluggable tension-spring connection system ZST

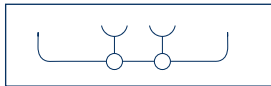
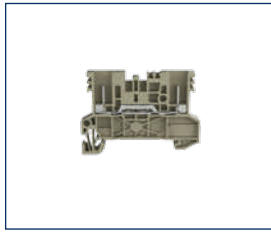
Pluggable tension-spring connection system



- Versatile mounting on TS 15, TS 35 or as flying lead coupling
- Finger-touch safe construction
- Codable
- Freely configurable

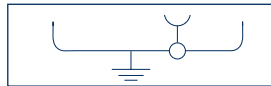
Connection diagram

ZRKS 2.5/2S



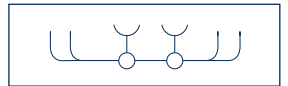
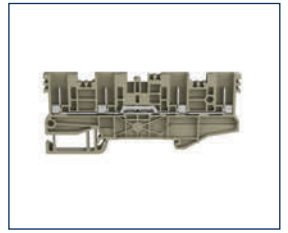
Feed-through terminal
2 connections

ZSLS 2.5/2S



PE terminal
2 connections

ZRKS 2.5/4S



Feed-through terminal
4 connections

Connection type

Size (L x W x H), mm
Size (L x W x H) mm with TS 35 x 7.5 mm

Type

Type Colour
Cat. no.

Type Colour
Cat. no.

Type Colour
Cat. no.

Colours available

Ratings

Rated voltage, V
Rated current, A
Rated cross-section, mm² | AWG
Rated impulse voltage, kV | Contamination degree
Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) | stranded, mm²
Finely-stranded|finely-stranded (w/ferrules DIN 46 228/1), mm²
Clamping area, mm²
Stripping length, mm

Features

Material of insulated housing | Temperature range
Number of cross-connection channels | Test pick-off option

Accessories

End plate ZAPS Cat. no.	
Locking Cat. no.	
Strain relief locking inside Cat. no.	
Codable Cat. no.	
Insulated cross-connector ZQI Cat. no.	2-pole
Insulated cross-connector ZQI Cat. no.	3-pole
Insulated cross-connector ZQI Cat. no.	4-pole
Insulated cross-connector ZQI Cat. no.	5-pole
Insulated cross-connector ZQI Cat. no.	6-pole
Insulated cross-connector ZQI Cat. no.	7-pole
Insulated cross-connector ZQI Cat. no.	8-pole
Insulated cross-connector ZQI Cat. no.	9-pole
Insulated cross-connector ZQI Cat. no.	10-pole
Insulated cross-connector ZQI Cat. no.	99-pole
Test adapters Cat. no.	
Four-way cover ZAD Cat. no.	
End stop ZES Cat. no.	
Metal actuating tool BWMA Cat. no.	
Quick marking PMC SB Cat. no.	

Tension-spring connection

54 x 5.1 x 38.5
54 x 5.1 x 39.5

Qty.

ZRKS 2.5/2S BG
3655.2 100

ZRKS 2.5/2S BU
3655.5 100

ZRKS 2.5/2S OG
3655.3 100

② ④ ⑤

IEC* UL* CSA**

500 300 300
24 20 20

8 | 3
- | V0

Tension-spring connection

54 x 5.1 x 38.5
54 x 5.1 x 39.5

Qty.

ZSLS 2.5/2S GNYE
3665.2 100

②

IEC* UL* CSA**

500 300 300
24 20 20

8 | 3
- | V0

Tension-spring connection

90.5 x 5.1 x 38.5
90.5 x 5.1 x 39.5

Qty.

ZRKS 2.5/4S BG
3654.2 100

ZRKS 2.5/4S BU
3654.5 100

ZRKS 2.5/4S OG
3654.3 100

② ④ ⑤

IEC* UL* CSA**

500 300 300
24 20 20

8 | 3
- | V0

Qty.

ZAPS 2.5/2S BG
3691.2 50

ZST-V OG
3687.3 50

ZST-C OG
3689.3 50

ZQI 2.5/2 YE
3710.8 50

ZQI 2.5/3 YE
3711.8 50

ZQI 2.5/4 YE
3712.8 50

ZQI 2.5/5 YE
3713.8 20

ZQI 2.5/6 YE
3714.8 20

ZQI 2.5/7 YE
3715.8 20

ZQI 2.5/8 YE
3716.8 10

ZQI 2.5/9 YE
3717.8 10

ZQI 2.5/10 YE
3718.8 10

ZQI 2.5/0.5 w/99 poles YE
3719.8 1

ZTA 2.5 BG
3740.2 10

Qty.

ZAPS 2.5/2S GN
3691.1 50

ZST-V OG
3687.3 50

ZST-C OG
3689.3 50

ZES 35/2 BG
3811.2 50

BWMA 1 (0.5 x 3.5 mm)
3808.0 1

PMC SB 5/50 WH
4600.7 500

Qty.

ZAPS 2.5/4S BG
3692.2 50

ZST-V OG
3687.3 50

ZST-V-I OG
3690.3 50

ZST-C OG
3689.3 50

ZQI 2.5/2 YE
3710.8 50

ZQI 2.5/3 YE
3711.8 50

ZQI 2.5/4 YE
3712.8 50

ZQI 2.5/5 YE
3713.8 20

ZQI 2.5/6 YE
3714.8 20

ZQI 2.5/7 YE
3715.8 20

ZQI 2.5/8 YE
3716.8 10

ZQI 2.5/9 YE
3717.8 10

ZQI 2.5/10 YE
3718.8 10

ZQI 2.5/0.5 w/99 poles YE
3719.8 1

ZTA 2.5 BG
3740.2 10

ZES 35/2 BG
3811.2 50

BWMA 1 (0.5 x 3.5 mm)
3808.0 1

PMC SB 5/50 WH
4600.7 500

*Approval applied for! | ** CAUTION: NOT FOR INTERRUPTING CURRENT! | ATTENTION: NE PAS UTILISER POUR COUPER LE COURANT!

Pluggable tension-spring connection system ZST

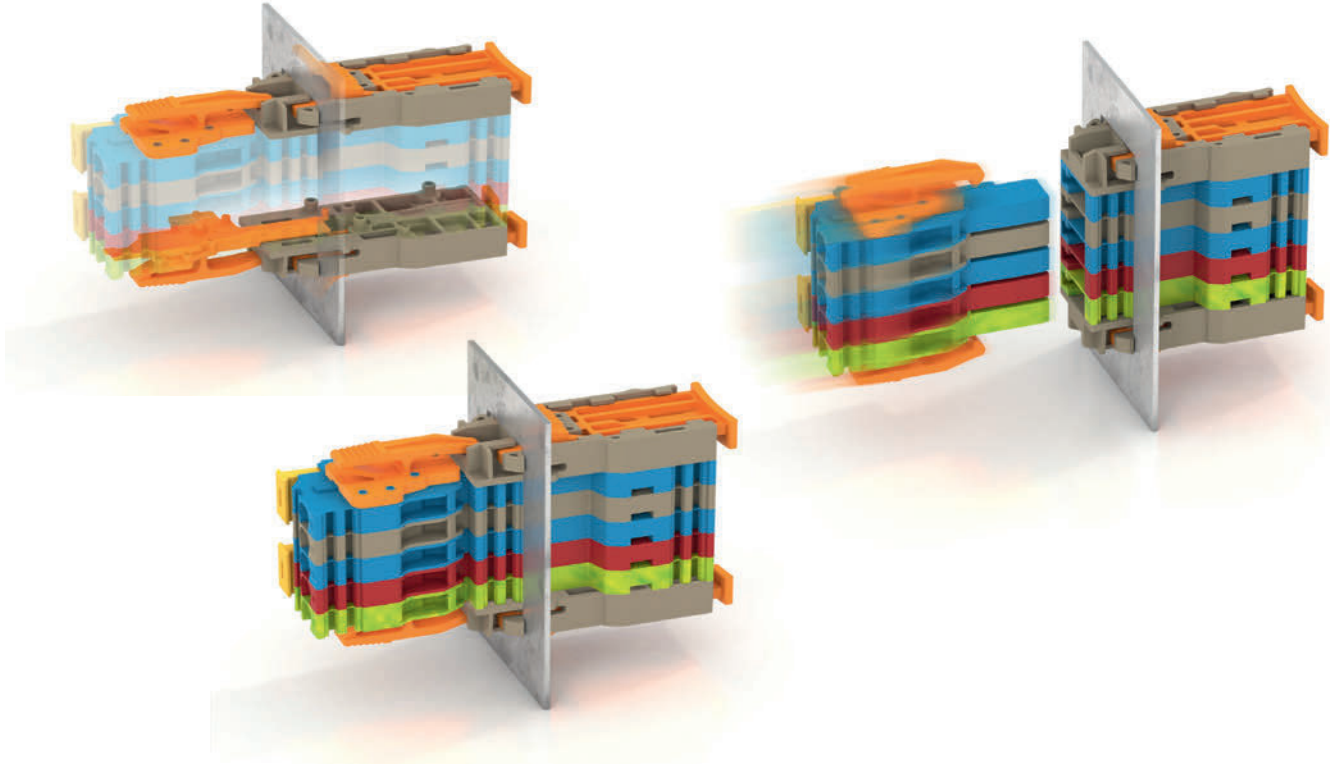
ZSLS 2.5/4S				
PE terminal 4 connections				
Tension-spring connection				
90.5 x 5.1 x 38.5				
90.5 x 5.1 x 39.5				
Qty.				
ZSLS 2.5/4S GNYE 3664.2 100				
IEC* UL* CSA**				
8 3 - V0				
PA 6.6 -40 to +120°C 1 0				
Qty.				
ZAPS 2.5/4S GN 3692.1 50				
ZST-V OG 3687.3 50				
ZST-V-I OG 3690.3 50				
ZST-C OG 3689.3 50				
ZES 35/2 BG 3811.2 50				
BWMA 1 (0.5 x 3.5 mm) 3808.0 1				
PMC SB 5/50 WH 4600.7 500				

*Approval applied for! | ** CAUTION: NOT FOR INTERRUPTING CURRENT! | ATTENTION: NE PAS UTILISER POUR COUPER LE COURANT!

Pluggable tension-spring connection system ZST

Wall bushing for ZST

CONTA-CLIP's modular and flexible ZST connection systems are in high demand wherever off-the-shelf units need to be connected or replaced. Pluggable wiring is thus permitted up to a rated current of 24 A and a rated voltage of 500 V.



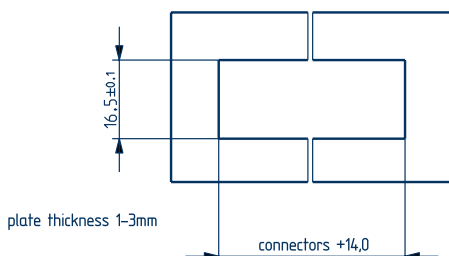
Effective panel feed-through bushings can be constructed simply by snapping the **ZST-WA** mounting adapter onto the **ZSTK 2.5/.../B** coupling element. These multi-pole units snap on sideways to the panel; the pressure on the inner slide mechanism ensures a secure attachment to the housing! The outer connector unit can be optionally fitted with locking elements.

Advantages of wall bushings for the ZST:

- **Quick installation and mounting**
- **Flexible and modular building block principle**
- **High level of wiring safety due to unique coding option**
- **Outstanding mechanical attachment of the pluggable elements in the coupling element for the wall bushing**

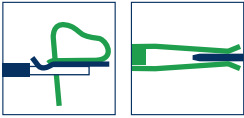
Creating the cut-out in the wall

The height of the rectangular cut-out in the wall does not change. The length, however, varies depending on the number of aligned poles in the coupling/plug unit.



Pluggable tension-spring connection system ZST

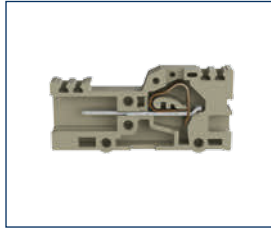
Pluggable tension-spring connection system



- Versatile and easy installation
- Finger-touch safe construction
- Codable
- Freely configurable

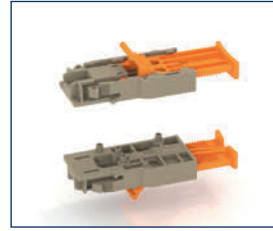
Connection diagram

ZSTK 2.5/1A/1S-H/B



Horizontal plug coupling

ZST-WA1



Wall adapter

ZST-WAV1



Locking

Connection type

Size (L x W x H), mm

Tension-spring connection

40 x 5.1 x 19

44 x 14 x 19

Type

Type Colour with housing pegs

Cat. no.

Qty.

ZSTK 2.5/1A/1S-H/Z/B BG

3679.2 100

Qty.

ZST-WA1

3693.2 10

Qty.

ZST-WAV1 Q

3659.3 10

Type Colour with housing pegs

Cat. no.

ZST-WAV1

3669.3 10

Colours available



Ratings

Rated voltage, V

500 300 300

Rated current, A

24 20 20

Rated cross-section, mm² | AWG

2.5 | 20-12

Rated impulse voltage, kV | Contamination degree

8 | 3

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

A3 | V0

Connection data

Single wire (solid) | stranded, mm²

0.5-4 | -

Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm²

0.5-4 | 0.5-2.5

Clamping area, mm²

0.5-4

Stripping length, mm

10

Features

Material of insulated housing | Temperature range

PA 6.6 | -40 to +120°C

Number of cross-connection channels | Test pick-off option

0 | 1

Accessories

End plate ZAPSK

ZAPSK 2.5/1A/1S BG

Cat. no.

3686.2 50

Locking

ZST-V OG

Cat. no.

3687.3 50

Strain relief

ZST-Z OG

Cat. no.

3688.3 50

Codable

ZST-C OG

Cat. no.

3689.3 50

Four-way cover ZAD

ZAD 2.5/4/B YE

Cat. no.

3706.0 20

Metal actuating tool BWMA

BWMA 1 (0.5 x 3.5 mm)

Cat. no.

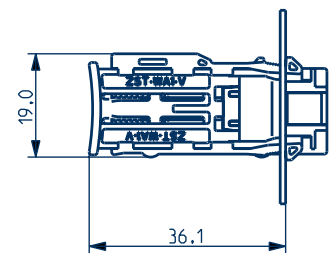
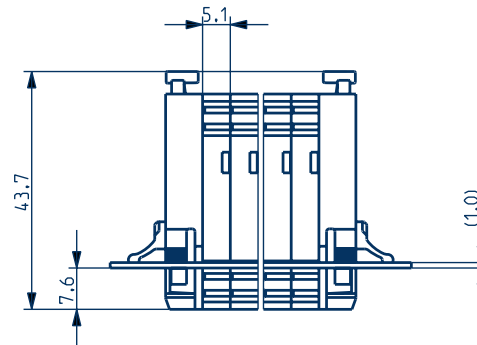
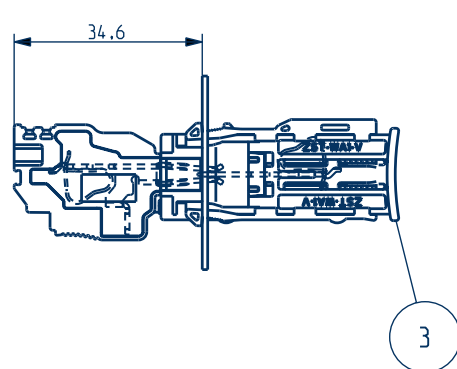
3808.0 1

Quick marking PMC SB

PMC SB 5/50 WH

Cat. no.

4600.7 500



Terminal block enclosure **RK-Safe-Box**

CONTA-CLIP's innovative *RK-Safe-Box* terminal block enclosure is a quick, simply way to protect the terminals blocks that you've installed on DIN rails (such as converter circuits) from being tampered with.



Especially when used in front of the electrical meter for power distribution applications, the **RK-Safe-Box** is very effective at preventing unauthorized re-wiring or access to converter terminals

The side walls border the mounting plate directly. They thus completely surround the protected components. Feed-through guides lead wires through the walls of the **RK-Safe-Box**. This simplifies wiring and makes it impossible to manipulate the terminals after the **RK-Safe-Box** is closed.

When the transparent lid is removed, the integrated slide mechanism permits you to extend the interior of the **RK-Safe-Box** by 16 mm. This makes it easy to perform maintenance and to replace terminals or components.

Features

- **Easy and fast mounting to the TS 35 DIN rail**
- **Optimal mechanical attachment to the DIN rail**
- **Cannot be unlocked or snapped out of the DIN rail after it is mounted**
- **Triple seal option**
- **Transparent lid**
- **Tampering is immediately recognizable**
- **Slide mechanism on the two enclosure halves provides improved access for internal component maintenance.**

Terminal block enclosure RK-Safe-Box

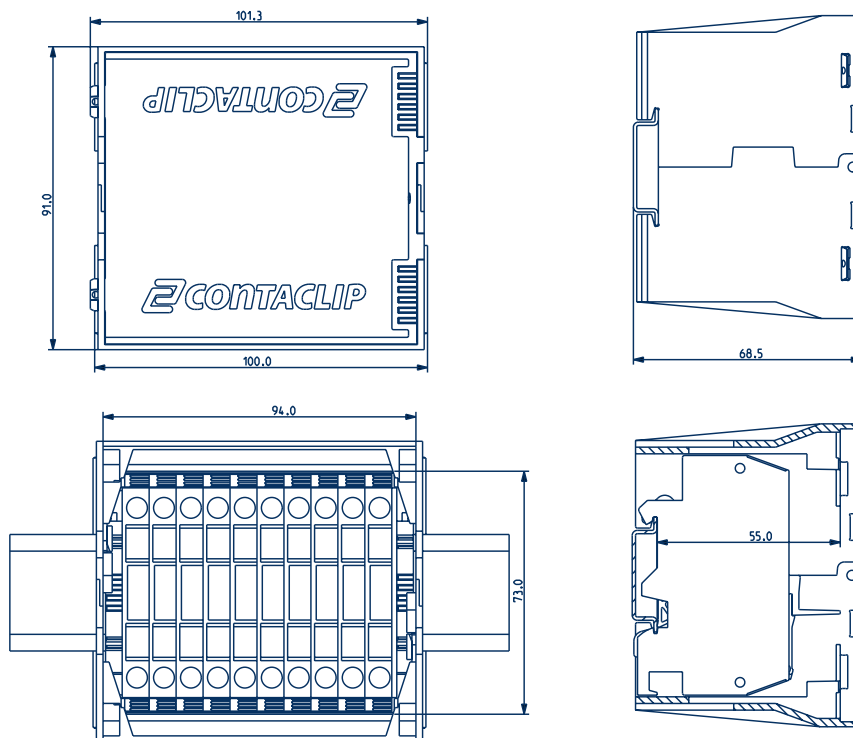
Terminal block enclosure

- Mounts on TS 35 rail
- Material of box: Polyamide 6.6 UL 94-V0
- Material of lid: Polycarbonate UL 94-V2
- 3-way sealing options
- Slide mechanism for maintenance

RK-Safe-Box TS 35/100



Type	RK-Safe-Box TS 35/100 BK		Qty.
Cat. no.	17690.4		1
Outer size (L x W x H) with TS 35 x 7.5	91 x 101.3 x 68.5 mm		
Outer size (L x W x H) with TS 35x15	91 x 101.3 x 76 mm		
Max. installation size (L x W x H) with TS 35	73 x 94 x 55 mm		
Weight	77g		
Colours available	4		
Material	Enclosure	Lid	
Material	Polyamide 6.6	Polycarbonate	
Flamm. class acc. to UL 94	V0	V2	
Temperature range	-40 to +120°C	-40 to +125°C	
Colour	black	transparent	
General			
Protection	IP 20		
Rail assembly	TS 35		
Sealing options	3		
Accessories			Qty.
End stop ES	ES 35/K/ST BG		
Cat. no.	2828.0		50
ZES end support for Box, interior mount	ZES 35/2 BG		
Cat. no.	3811.2		50
Quick marking PMC BSTR	PMC BSTR 6/30 WH		
Cat. no.	9106.7		300
Dimensional drawings			

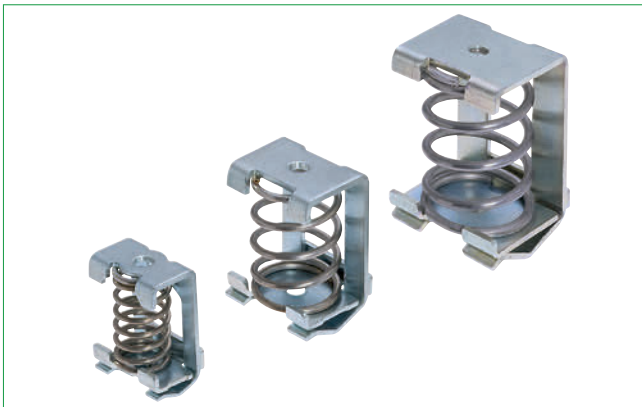


Shield-connection clip SAB/SSAB

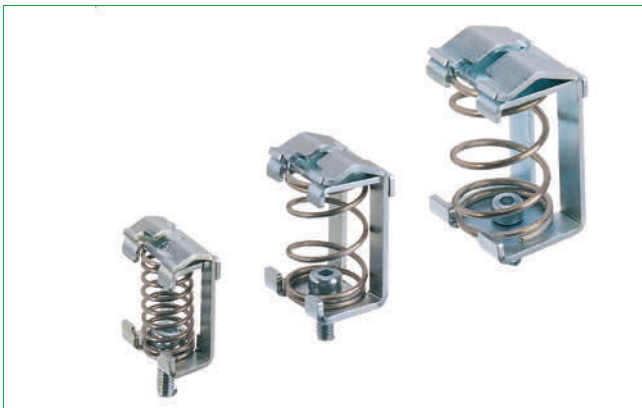


SSAB

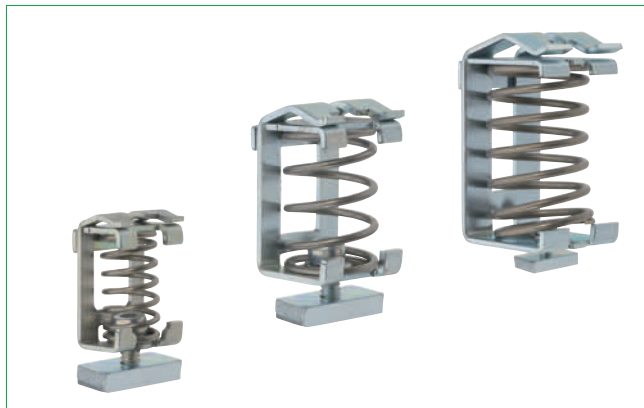
A high degree of interference immunity is demanded of the electrical equipment used in industrial processing applications. This is a critical factor affecting the availability of industrial measurement and control systems. When constructing low-interference systems, both the cable shielding and the shielded ground are very important. The juncture where the cable shielding connects to the housing ground is a critical point. The connection should be low-ohm and should also feature minimal inductive resistance. You should be certain that this connection can be established in a practical, simple and quick manner. The rich feature set of **CONTA-CLIP's SAB/SSAB** clip meets all of these requirements.



SAB



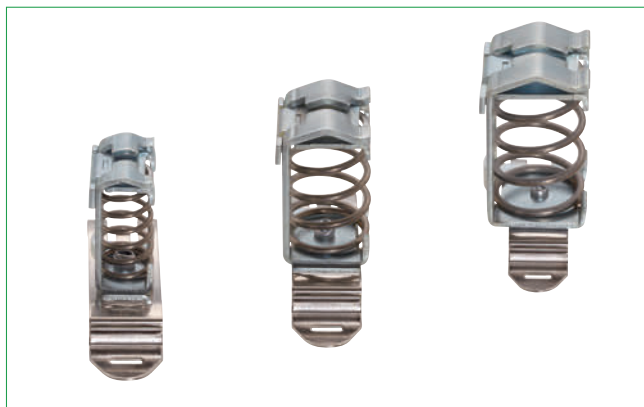
SAB.../D



SAB.../GWP (for C-rail mounting)



SAB.../F

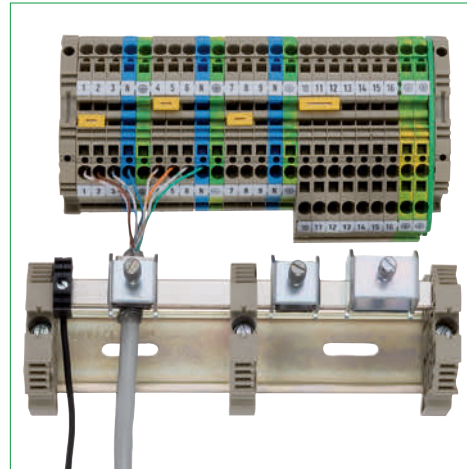


SAB.../MF/35

Shield-connection clip SAB/SSAB

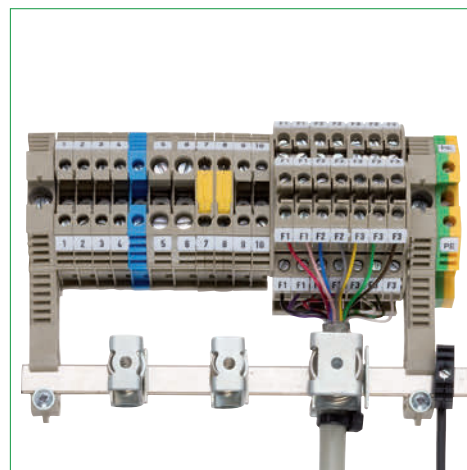
Busbar mounting with the SSAB

The **SSAB** can be mounted on a busbar. After wiring the terminal block, the shield-connection clip is mounted by simply swivelling in and tightening the knurled thumb screw. This makes the **SSAB** screw-shield-connection clip very convenient to wire. Depending on the length of the terminal blocks, two or more **SH/SSAB** busbar supports should be used. These mechanically connect the front busbar with the DIN rail (support). The **SH1** busbar supports are used where a shield-connection system must be mounted directly onto a panel rather than a DIN rail. The 10 x 3 busbars can be easily and quickly snapped on to these supports. In both cases, the contact with the earth or ground potential can be established with a **ZB** clamping yoke.



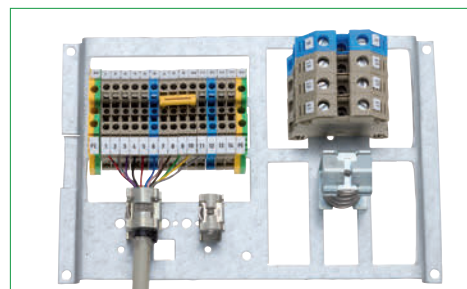
Busbar mounting with the SAB

The **SAB** can be mounted on a busbar. After connecting the wiring, the shield-connection clip is mounted by simply swivelling the **SAB** clip onto the busbar. The force on the cable comes from a spring-pressure piece. This regulated pressure ensures a constant optimal contact. This makes the **SAB** shield-connection clip very convenient to wire. Depending on the length of the terminal blocks, two or more **SH/SAB** busbar supports should be used. These mechanically connect the front busbar with the DIN rail (support). The **SH1** busbar supports are used where a shield-connection system must be mounted directly onto a panel rather than a DIN rail. The 10 x 3 busbars can be easily and quickly snapped on to these supports. In both cases, the contact with the earth or ground potential can be established with a **ZB** clamping yoke.



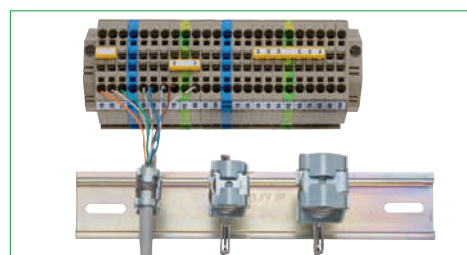
Direct mounting for the SAB.../D

The **SAB.../D** can be mounted directly. The force on the cable comes from a spring-pressure piece. This regulated pressure ensures a constant optimal contact. The **SAB.../D** can be installed with an **M4** screw (included in delivery) directly to the mounting plate. The **SAB 8/D M5** shield-connection clip comes with a special feature; it is equipped with a self-cutting M5 SW3 metal screw. As a result, less time is required to mount the clip on the mounting plate, since you only need to drill one 4.2-mm hole through the plate. The hole threads will then be cut into the plate by the screw.



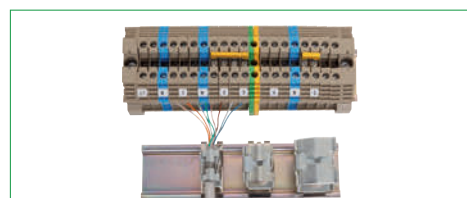
DIN rail installation for the SAB.../F

The **SAB.../F** can be mounted on a DIN rail. The force on the cable comes from a spring-pressure piece. This regulated pressure ensures a constant optimal contact. The **SAB.../F** can be mounted directly to the TS 35 rail using the clamping foot and a mounting screw.



DIN rail installation SAB.../MF/35

The **SAB.../MF/35** can be installed on a DIN rail. The **SAB.../MF/35** is snapped on directly via the internal-spring **MF/35** foot without using any tools. The force on the cable comes from a spring-pressure piece. This regulated pressure ensures a constant optimal contact with the DIN rail.






Shield-connection clip SSAB

- Screw-on clip for easy retro-fit
- Knurled thumb screw, so no tools required
- Easy to work with

The **SSAB** screw-shield connection clip is suitable for standard cable shielding. It enables EMC-compliant wiring with its large surface area. It also has low-impedance and low-ohm contact junctions. It is ideal for wires with diameters ranging from 2 to 35 mm. The contacts can be established without the need for any special tool.

Simple mounting – large shielding surface – secure contact.

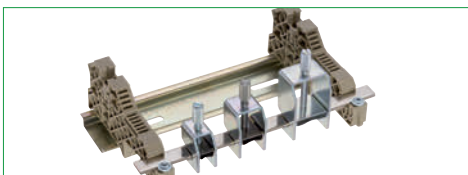
SSAB 5	SSAB 8	SSAB 14
		
Shield-connection clip Screw connection	Shield-connection clip Screw connection	Shield-connection clip Screw connection

Connection type	Screw connection	Screw connection	Screw connection
Size (L x W x H), mm	19.5 x 9 x 46.8	19.5 x 12 x 48.7	19.5 x 17 x 59.3
Type	Qty.	Qty.	Qty.
Type	SSAB 5	SSAB 8	SSAB 14
Cat. no.	3694.0	3695.0	3696.0
	10	10	10
Technical data			
Connection in compliance with standard	IEC/EN	IEC/EN	IEC/EN
Material	Steel	Steel	Steel
Connection data			
Min. torque, Nm	-	-	-
Max. torque, Nm	0.4	0.6	0.8
Cable diameter, mm	2 – 5	3 – 8	3 – 14
Screw	-	-	-
Drill hole diameter, mm	-	-	-
Accessories	Qty.	Qty.	Qty.
Busbar support SH	SH 1 BG	SH 1 BG	SH 1 BG
Cat. no.	2318.2	2318.2	2318.2
	1	1	1
Busbar support SH SAB BG	SH SAB BG	SH SAB BG	SH SAB BG
Cat. no.	1530.2	1530.2	1530.2
	1	1	1
Busbar Ssch/MS	Ssch 10x3 MS	Ssch 10x3 MS	Ssch 10x3 MS
Cat. no.	2128.0	2128.0	2128.0
	1m	1m	1m
Busbar Ssch/CU	Ssch 10x3 CU	Ssch 10x3 CU	Ssch 10x3 CU
Cat. no.	2129.0	2129.0	2129.0
	1m	1m	1m
End stop ES	ES 35/K/ST BG	ES 35/K/ST BG	ES 35/K/ST BG
Cat. no.	2828.0	2828.0	2828.0
	50	50	50
ZB without cap	ZB 4	ZB 4	ZB 4
Cat. no.	2138.0	2138.0	2138.0
	50	50	50
ZB cap GNYE	ZB 4/K GNYE	ZB 4/K GNYE	ZB 4/K GNYE
Cat. no.	2483.1	2483.1	2483.1
	50	50	50
Mounting screw BS, for the SH 1 BG	BS M 4x8	BS M 4x8	BS M 4x8
Cat. no.	2262.0	2262.0	2262.0
	20	20	20
Mounting screw BS, for 2 x SH 1 BG	BS M 4x30	BS M 4x30	BS M 4x30
Cat. no.	2123.0	2123.0	2123.0
	50	50	50

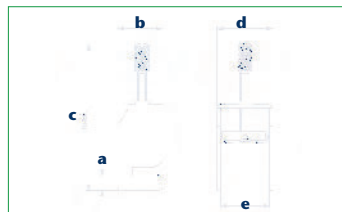
Busbar mounting



An SSAB application with the SH 1






An SSAB application with SH SAB BG



Type	a	b	c	d	e
SSAB 5	6.5 mm	19.5 mm	46.8 mm	9.0 mm	6.0 mm
SSAB 8	6.5 mm	19.5 mm	48.7 mm	12.0 mm	9.0 mm
SSAB 14	6.5 mm	19.5 mm	59.3 mm	17.0 mm	14.0 mm
SSAB 20	6.5 mm	19.5 mm	75.0 mm	24.0 mm	21.0 mm
SSAB 28	6.5 mm	20.0 mm	92.7 mm	32.0 mm	28.0 mm
SSAB 35	6.5 mm	20.0 mm	106.5 mm	40.0 mm	36.0 mm

Shield-connection clip SSAB

SSAB 20	SSAB 28	SSAB 35		
				
Shield-connection clip Screw connection	Shield-connection clip Screw connection	Shield-connection clip Screw connection		
Screw connection 19.5 x 24 x 75	Screw connection 20 x 32 x 92.7	Screw connection 20 x 40 x 106.5		
Qty.	Qty.	Qty.		
SSAB 20 3697.0	SSAB 28 3698.0	SSAB 35 3699.0		
10	10	10		
IEC/EN Steel	IEC/EN Steel	IEC/EN Steel		
-	-	1.5		
0.8	0.8	1.8		
3 – 20	5 – 28	20 – 35		
-	-	-		
Qty.	Qty.	Qty.		
SH 1 BG 2318.2	SH 1 BG 2318.2	SH 1 BG 2318.2		
1	1	1		
SH SAB BG 1530.2	SH SAB BG 1530.2	SH SAB BG 1530.2		
1	1	1		
Ssch 10x3 MS 2128.0	Ssch 10x3 MS 2128.0	Ssch 10x3 MS 2128.0		
1m	1m	1m		
Ssch 10x3 CU 2129.0	Ssch 10x3 CU 2129.0	Ssch 10x3 CU 2129.0		
1m	1m	1m		
ES 35/K/ST BG 2828.0	ES 35/K/ST BG 2828.0	ES 35/K/ST BG 2828.0		
50	50	50		
ZB 4 2138.0	ZB 4 2138.0	ZB 4 2138.0		
50	50	50		
ZB 4/K GNYE 2483.1	ZB 4/K GNYE 2483.1	ZB 4/K GNYE 2483.1		
50	50	50		
BS M 4x8 2262.0	BS M 4x8 2262.0	BS M 4x8 2262.0		
20	20	20		
BS M 4x30 2123.0	BS M 4x30 2123.0	BS M 4x30 2123.0		
50	50	50		

Shield-connection clip SAB | SAB...D

Shield-connection clip

- Quick snap-on or mounting of the shield-connection clip
- Different cable cross-sections can be accommodated because of the elastic nature of the spring
- Easy to work with

The **SAB** shield connection clip is suitable for standard cable shielding. It enables EMC-compliant wiring with its large surface area. It also has low-impedance and low-ohm contact junctions. They are ideal for wires with diameters ranging from 3 to 32 mm. The contacts can be established without the need for any special tool.

Simple mounting – large shielding surface – secure contact.

SAB 8	SAB 13.5	SAB 20
		
Shield-connection clip Spring force	Shield-connection clip Spring force	Shield-connection clip Spring force

Connection type
Size (L x W x H), mm
Height of foot, with TS 35 x 7.5 mm

Spring force	Spring force	Spring force
18.5 x 13 x 26.5	22 x 19.5 x 32.5	27 x 24.5 x 40.5

TYPE
Type/colour
Cat. no.
Type/colour SAB with self-tapping screw
Cat. no.

Qty.	Qty.	Qty.
SAB 8 1527.0 10	SAB 13.5 1528.0 10	SAB 20 1529.0 10

Technical data
Connection in compliance with standard
Material

IEC/EN Steel	IEC/EN Steel	IEC/EN Steel
-----------------	-----------------	-----------------

Connection data
Min. torque, Nm
Max. torque, Nm
Cable diameter, mm
Screw
Drill hole diameter, mm

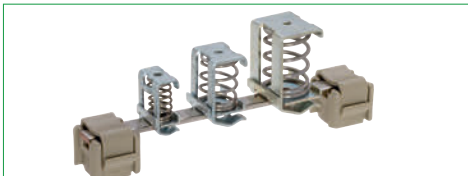
-	-	-
-	-	-
3 – 8	4 – 13.5	10 – 20
-	-	-
-	-	-

Accessories
Busbar support SH
Cat. no.
Busbar support SH SAB BG
Cat. no.
Busbar Ssch/MS
Cat. no.
Busbar Ssch/CU
Cat. no.
End stop ES
Cat. no.
ZB without cap
Cat. no.
ZB cap GNYE
Cat. no.
Mounting screw BS, for the SH 1 BG
Cat. no.
Mounting screw BS, for 2 x SH 1 BG
Cat. no.
Threaded plate
Cat. no.
Mounting foot
Cat. no.

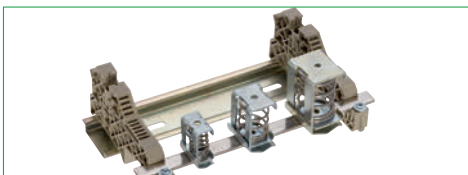
Qty.	Qty.	Qty.
SH 1 BG 2318.2 1	SH 1 BG 2318.2 1	SH 1 BG 2318.2 1
SH SAB BG 1530.2 1	SH SAB BG 1530.2 1	SH SAB BG 1530.2 1
Ssch 10x3 MS 2128.0 1m	Ssch 10x3 MS 2128.0 1m	Ssch 10x3 MS 2128.0 1m
Ssch 10x3 CU 2129.0 1m	Ssch 10x3 CU 2129.0 1m	Ssch 10x3 CU 2129.0 1m
ES 35/K/ST BG 2828.0 50	ES 35/K/ST BG 2828.0 50	ES 35/K/ST BG 2828.0 50
ZB 4 2138.0 50	ZB 4 2138.0 50	ZB 4 2138.0 50
ZB 4/K GNYE 2483.1 50	ZB 4/K GNYE 2483.1 50	ZB 4/K GNYE 2483.1 50
BS M 4x8 2262.0 20	BS M 4x8 2262.0 20	BS M 4x8 2262.0 20
BS M 4x30 2123.0 50	BS M 4x30 2123.0 50	BS M 4x30 2123.0 50
GWP M4 2263.0 100	GWP M4 2263.0 100	GWP M4 2263.0 100
MF/35 M4 2606.0 20	MF/35 M4 2606.0 20	MF/35 M4 2606.0 20

Additional accessories

Busbar mounting



An SAB application with the SH1



An SAB application with SH SAB BG

Dimensions



Type	L	B	H	Foot / screw
SAB 8	18.5 mm	13.0 mm	26.5 mm	
SAB 13.5	22.0 mm	19.5 mm	32.5 mm	
SAB 20	27.0 mm	24.5 mm	40.5 mm	
SAB 32	32.0 mm	36.0 mm	64.0 mm	
SAB 8/D	18.5 mm	13.0 mm	26.5 mm	M4/M5 x 10
SAB 13.5/D	22.0 mm	19.5 mm	32.5 mm	M4 x 10
SAB 20/D	27.0 mm	24.5 mm	40.5 mm	M4 x 10
SAB 32/D	32.0 mm	36.0 mm	64.0 mm	M4 x 10

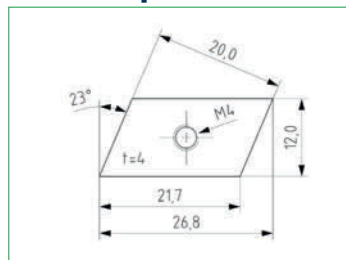
Shield-connection clip SAB | SAB...D

SAB 32	SAB 8/D	SAB 13.5/D	SAB 20/D	SAB 32/D
				
Shield-connection clip Spring force	Shield-connection clip Spring force	Shield-connection clip Spring force	Shield-connection clip Spring force	Shield-connection clip Spring force
Spring force 32 x 36 x 64	Spring force 18.5 x 13 x 26.5	Spring force 22 x 19.5 x 32.5	Spring force 27 x 24.5 x 40.5	Spring force 32 x 36 x 64
Qty.	Qty.	Qty.	Qty.	Qty.
SAB 32 17360.0 10	SAB 8/D 1549.0 10 SAB 8/D/M5 1526.0 10	SAB 13.5/D 1550.0 10 SAB 13.5/D/M5 17345.0 10	SAB 20/D 1551.0 10 SAB 20/D/M5 17346.0 10	SAB 32/D 17361.0 10 SAB 32/D/M5 17347.0 10
IEC/EN Steel	IEC/EN Steel	IEC/EN Steel	IEC/EN Steel	IEC/EN Steel
-	-	-	-	-
15 – 32	3 – 8 M4 / M5 x 10 4.2	4 – 13.5 M4 / M5 x 10 4.2	10 – 20 M4 / M5 x 10 4.2	15 – 32 M4 / M5 x 10 4.2
Qty.	Qty.	Qty.	Qty.	Qty.
SH 1 BG 2318.2 20				
SH SAB BG 1530.2 10				
Ssch 10x3 MS 2128.0 1m				
Ssch 10x3 CU 2129.0 1m				
ES 35/K/ST BG 2828.0 50				
ZB 4 2138.0 50				
ZB 4/K GNYE 2483.1 50				
BS M 4x8 2262.0 20				
BS M 4x30 2123.0 50				
GWP M4 2263.0 100	GWP M4 2263.0 100	GWP M4 2263.0 100	GWP M4 2263.0 100	GWP M4 2263.0 100
MF/35 M4 2606.0 20	MF/35 M4 2606.0 20	MF/35 M4 2606.0 20	MF/35 M4 2606.0 20	MF/35 M4 2606.0 20

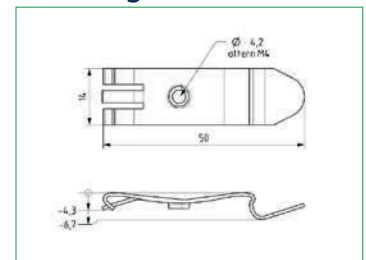
Direct mounting



Threaded plate



Mounting foot



SAB.../D

Shield-connection clip SAB...F

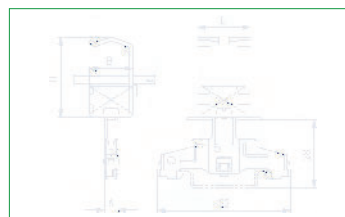
Shield-connection clip	SAB 8/F	SAB 13.5/F	SAB 20/F
<ul style="list-style-type: none"> Quick snap-on or mounting of the shield-connection clip Different cable cross-sections can be accommodated because of the elastic nature of the spring Easy to work with <p>The SAB shield-connection clip is suitable for use with conventional cable lugs.</p>			
	Shield-connection clip Spring force	Shield-connection clip Spring force	Shield-connection clip Spring force
Connection type	Spring force	Spring force	Spring force
Size (L x W x H), mm	18.5 x 13 x 26.5	22 x 19.5 x 32.5	27 x 24.5 x 40.5
Height of foot, with TS 35 x 7.5 mm	28	28	28
TYPE	Qty.	Qty.	Qty.
Type/colour	SAB 8/F	SAB 13.5/F	SAB 20/F
Cat. no.	1571.0	1572.0	1573.0
	10	10	10
Technical data			
Connection in compliance with standard	IEC/EN	IEC/EN	IEC/EN
Material	Steel	Steel	Steel
Connection data			
Min. torque, Nm	-	-	-
Max. torque, Nm	-	-	-
Cable diameter, mm	3 – 8	4 – 13.5	10 – 20
Screw	-	-	-
Drill hole diameter, mm	-	-	-

Mounting on the DIN rail








SAB.../F

Dimensions

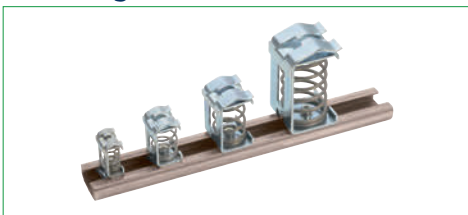


Type	L	B	H	Foot / screw
SAB 8/F	18.5 mm	3.0 mm	26.5 mm	28.0 mm
SAB 13.5/F	22.0 mm	19.5 mm	32.5 mm	28.0 mm
SAB 20/F	27.0 mm	24.5 mm	40.5 mm	28.0 mm

Shield-connection clip SAB...GWP

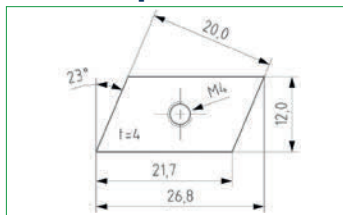
SAB 8/GWP	SAB 13.5/GWP	SAB 20/GWP	SAB 32/GWP	GWP
				
Shield-connection clip Spring force	Shield-connection clip Spring force	Shield-connection clip Spring force	Shield-connection clip Spring force	Mounting foot TS 35
Spring force 18.5 x 13 x 26.5	Spring force 22 x 19.5 x 32.5	Spring force 27 x 24.5 x 40.5	Spring force 32 x 36 x 64	
Qty. SAB 8/GWP 17356.0 10	Qty. SAB 13.5/GWP 17357.0 10	Qty. SAB 20/GWP 17358.0 10	Qty. SAB 32/GWP 17359.0 10	Qty. GWP M4 2263.0 20
IEC/EN Steel	IEC/EN Steel	IEC/EN Steel	IEC/EN Steel	Steel
-	-	-	-	
3 – 8	4 – 13.5	10 – 20	15 - 32	
M4	M4	M4	M4	M4
-	-	-	-	

Mounting on the DIN rail

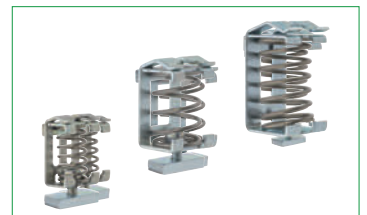


SAB/.../GWP

Threaded plate



SAB...GWP



Shield-connection clip SAB...MF

Shield-connection clip

- Quick snap-on or mounting of the shield-connection clip
- Different cable cross-sections can be accommodated because of the elastic nature of the spring
- Easy to work with

The **SAB** shield connection clip is suitable for standard cable shielding. It enables EMC-compliant wiring with its large surface area. It also has low-impedance and low-ohm contact junctions. They are ideal for wires with diameters ranging from 3 to 32 mm. The contacts can be established without the need for any special tool.



Connection type	
Size (L x W x H), mm	18.5 x 13 x 26.5
Height of foot, with TS 35 x 7.5 mm	9.2
TYPE	
Type/colour	SAB 8/MF/35
Cat. no.	17038.0

Spring force	
Size (L x W x H), mm	22 x 19.5 x 32.5
Height of foot, with TS 35 x 7.5 mm	9.2
TYPE	
Type/colour	SAB 13.5/MF/35
Cat. no.	17039.0

Spring force	
Size (L x W x H), mm	27 x 24.5 x 40.5
Height of foot, with TS 35 x 7.5 mm	9.2
TYPE	
Type/colour	SAB 20/MF/35
Cat. no.	17040.0

Spring force	
Size (L x W x H), mm	27 x 24.5 x 40.5
Height of foot, with TS 35 x 7.5 mm	9.2
TYPE	
Type/colour	SAB 20/MF/35
Cat. no.	17040.0

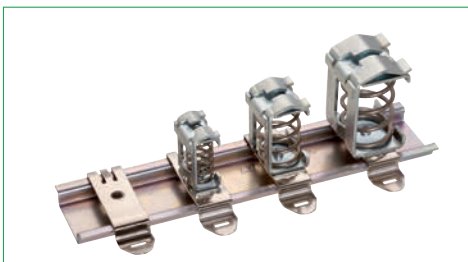
Technical data	
Connection in compliance with standard	IEC/EN
Material	Steel
Connection data	
Connection of clip to foot	Rivet
Min. torque, Nm	-
Max. torque, Nm	-
Cable diameter, mm	3 – 8
Screw	-

Technical data	
Connection in compliance with standard	IEC/EN
Material	Steel
Connection data	
Connection of clip to foot	Rivet
Min. torque, Nm	-
Max. torque, Nm	-
Cable diameter, mm	4 – 13.5
Screw	-

Technical data	
Connection in compliance with standard	IEC/EN
Material	Steel
Connection data	
Connection of clip to foot	Rivet
Min. torque, Nm	-
Max. torque, Nm	-
Cable diameter, mm	10 – 20
Screw	-

Technical data	
Connection in compliance with standard	IEC/EN
Material	Steel
Connection data	
Connection of clip to foot	Rivet
Min. torque, Nm	-
Max. torque, Nm	-
Cable diameter, mm	10 – 20
Screw	-

Mounting on the DIN rail



SAB/.../MF/35

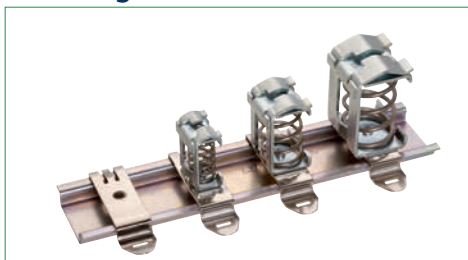
Dimensions

Type	L	B	H	Foot height
SAB 8/MF/35	18.5 mm	3.0 mm	26.5 mm	7.3 mm
SAB 13.5/MF/35	22.0 mm	19.5 mm	32.5 mm	7.3 mm
SAB 20/MF/35	27.0 mm	24.5 mm	40.5 mm	7.3 mm
SAB 32/MF/35	32.0 mm	36.0 mm	64.0 mm	7.0 mm

Shield-connection clip SAB...MF

SAB 32/MF/35	SAB 8/MF/35/S	SAB 15.5/MF/35/S	SAB 20/MF/35/S	SAB 32/MF/35/S
				
Shield-connection clip Spring force	Shield-connection clip Spring force	Shield-connection clip Spring force	Shield-connection clip Spring force	Mounting foot TS 35
Spring force 32 x 36 x 64 9.5	Spring force 18.5 x 13 x 26.5 9.2	Spring force 22 x 19.5 x 32.5 9.2	Spring force 27 x 24.5 x 40.5 9.2	Spring force 32 x 36 x 64 9.5
Qty. SAB 32/MF/35 17363.0 10	Qty. SAB 8/MF/35/S 17340.0 10	Qty. SAB 13.5/MF/35/S 17341.0 10	Qty. SAB 20/MF/35/S 17342.0 10	Qty. SAB 32/MF/35/S 17343.0 20
IEC/EN Steel	IEC/EN Steel	IEC/EN Steel	IEC/EN Steel	IEC/EN Steel
rivet	Screw	Screw	Screw	Screw
-	-	-	-	-
15 - 32	3-8	4-13.5	10-20	15-32
-	M4 x 8	M4 x 8	M4 x 8	M4 x 8

Mounting on the DIN rail




SAB/.../MF/35

Dimensions

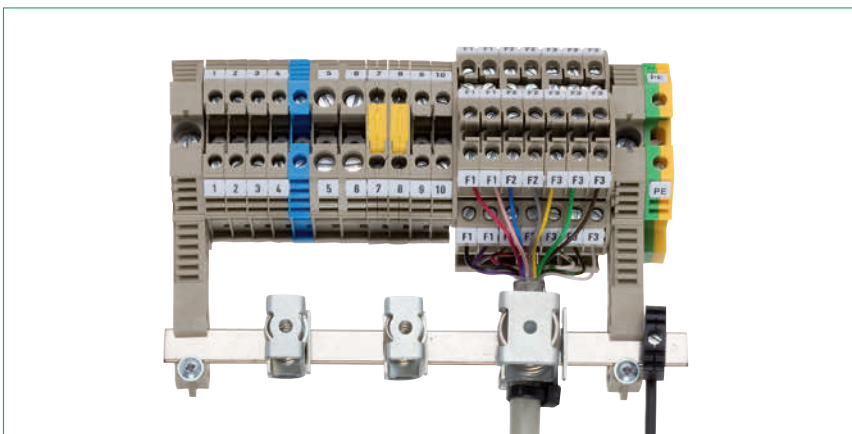
Type	L	B	H	Foot height
SAB 8/MF/35	18.5 mm	3.0 mm	26.5 mm	7.3 mm
SAB 13.5/MF/35	22.0 mm	19.5 mm	32.5 mm	7.3 mm
SAB 20/MF/35	27.0 mm	24.5 mm	40.5 mm	7.3 mm
SAB 32/MF/35	32.0 mm	36.0 mm	64.0 mm	7.0 mm

Busbar support

- Busbar support
- Material: polyamide 6.6

	SH 1	SH SAB	ES 35/K/ST
			
	Busbar support	Busbar support	Busbar support
Connection type			
Size (L x W x H), mm	24 x 24 x 23.7	50 x 9.5 x 98	50 x 9.5 x 44
TYPE			
Type/colour	SH 1 BG	SH SAB BG	ES 35/K/ST BG
Cat. no.	2318.2	1530.2	2828.0
Qty.	20	10	50
Type/colour			
Cat. no.			
Type/colour			
Cat. no.			
Colours available			⑤
Technical data			
Material of cap/holder	PA 6.6 V2	PA 6.6 V2	PA 6.6 V2
Accessories			
Mounting screw BS	BS M 4x8		
Cat. no.	2262.0		
Qty.	20		
Busbar Ssch	Copper	Ssch 10 x 3 CU	Ssch 10 x 3 CU
Cat. no.	2129.0	2129.0	2129.0
Qty.	1m	1m	1m
Busbar Ssch	Brass	Ssch 10 x 3 Ms	Ssch 10 x 3 Ms
Cat. no.	2128.0	2128.0	2128.0
Qty.	1m	1m	1m

Busbar mounting SH SAB



End stop SES 35 | SHES 35

End stops are necessary for preventing any movement of terminal blocks and stud terminals along the rail. They are put in at the beginning and at the end of the rail assembly

End stop	SES 35	SHES 35	
<ul style="list-style-type: none"> • Foot can be snapped on TS 35 DIN rail • Housing made from polyamide 6.6 UL 94-V2 • Outstanding mechanical attachment • Can be snapped on without any tools 			
Size	48 x 8 x 47.1	66 x 13,4 x 60,5	
Type			
Type Colour	SES 35 BG	SHES 35 BG	
Cat. no.	17250.2	17259.2	
Type Colour	SES 35 BK		
Cat. no.	17250.4		
Colours available	② ④	② ④	
Accessories			
Marker holder	ZSchT 5		
Cat. no.	3777.0		
Marker holders for direct labelling	ZSchT 6		
Cat. no.	3807.0		
Quick marking SB	PMC SB 8/40 WH	PMC SB 8/40 WH	
Cat. no.	9323.7	9323.7	
Quick marking BSTR	PMC BSTR 8x12/21 WH	PMC BSTR 8x12/21 WH	
Cat. no.	9410.7	9410.7	
Marker holders for direct labelling	SchT9		
Cat. no.	3749.0		
Marker holder	SchT11		
Cat. no.	2530.0		

The screwless end stop ES 35

The screwless **SES 35** has the same shape as the **SRK/SSL** and **RK/SL** screw terminals when used with wire cross-sections up to 10 mm². Larger terminals can also be securely fastened to the DIN rail between two **SES 35s**. You can snap on a group marker to the end stop as well.

The **SES 35** attaches to a variety of different **TS 35** DIN rails, for a secure form-fit connection. This strong mechanical grip is ensured by four stainless steel springs in the foot, so that the end stop can be quickly attached using no screws. This also provides an extremely strong connection for various types of terminal blocks and components to the DIN rail.

End stop SHES 35

Our **SHES 35** end stop provides even larger terminal blocks and stud terminals (for wire cross-sections up to 300 mm²) with improved mechanical stability. This end stop is made of a hardened metal core which is covered by a plastic housing. The housing has several labelling options.

The **SHES 35** attaches to a variety of different **TS 35** DIN rails, for a secure form-fit connection. It encloses the DIN rail on both sides to achieve the necessary mechanical retention.

Terminal markers – Maxicard MC SB, BSTR and MM

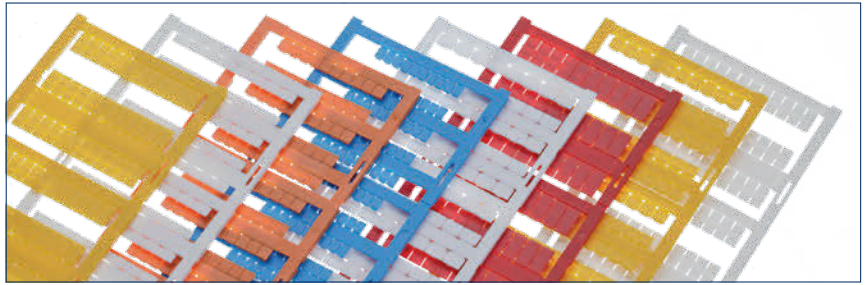
Maxicards MC SB, BSTR and MM

The **Maxicards SB** and **BSTR** are multi-functional marking systems that are designed for labelling **CONTA-CLIP** terminal blocks. The **MC BSTR** is the ideal solution for longer strings of characters. The **MC BSTR 5/...** **MI** variants are fitted with a centrally positioned foot that is used when the **standard BSTR** markers cover the cross-connection channel or wire entry. The **MC SB 7.5** labelling spur is designed for labelling transformer terminals.

The **Maxicard MM multi-markers** fit onto terminals from Phoenix Contact, Wago and entrelec.

The blank Maxicards can be easily labelled using the **FMScolor**.

Maxicard



Type	
Type	Maxicard
Colours available	<ul style="list-style-type: none"> ① Green ② Orange ③ Blue ④ White ⑤ Yellow ⑥ Red

Characteristics

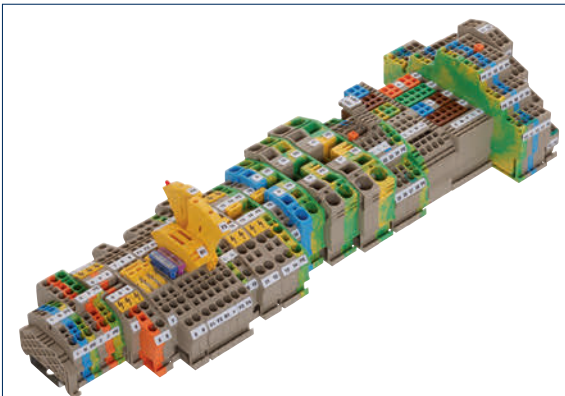
Size	
Card size (mm)	240 x 76

Material	
Material	Polyamide PA 6.6 UL 94-V2, halogen-free
Temperature range	-40°C to +105°C
Resistance	Acetone, oils, greases, lubricants, cleaning agents, UV, weathering, chemicals, seawater

Inscription/print	
Printing process	Ink-jet printing
Fixation	Heat
Resistance	Smudge and scratch resistant; resistant to acetone, oils, grease, switch-gear cleansers, dry cleaning, high-pressure cleaning with hot steam, and sparks; 2,000 hours UV radiation

Application	
Attachment	Snap-on
FMS inlay type	CCI-100

Cat. no.	Type	Tag size LxWxH(mm)	Attachment	Markers per card	Qty.
4946.1	MC SB 4/200 GN	5 x 4 x 2.2	Snap-on	200 markers	5 cards
4946.3	MC SB 4/200 OG	5 x 4 x 2.2	Snap-on	200 markers	5 cards
4946.5	MC SB 4/200 BU	5 x 4 x 2.2	Snap-on	200 markers	5 cards
4946.7	MC SB 4/200 WH	5 x 4 x 2.2	Snap-on	200 markers	5 cards
4946.8	MC SB 4/200 YE	5 x 4 x 2.2	Snap-on	200 markers	5 cards
4946.9	MC SB 4/200 RD	5 x 4 x 2.2	Snap-on	200 markers	5 cards
3300.1	MC SB 5/200 GN	5 x 5 x 2.2	Snap-on	200 markers	5 cards
3300.3	MC SB 5/200 OG	5 x 5 x 2.2	Snap-on	200 markers	5 cards
3300.5	MC SB 5/200 BU	5 x 5 x 2.2	Snap-on	200 markers	5 cards
3300.7	MC SB 5/200 WH	5 x 5 x 2.2	Snap-on	200 markers	5 cards
3300.8	MC SB 5/200 YE	5 x 5 x 2.2	Snap-on	200 markers	5 cards
3300.9	MC SB 5/200 RD	5 x 5 x 2.2	Snap-on	200 markers	5 cards
3301.1	MC SB 6/200 GN	5 x 6 x 2.2	Snap-on	200 markers	5 cards
3301.3	MC SB 6/200 OG	5 x 6 x 2.2	Snap-on	200 markers	5 cards
3301.5	MC SB 6/200 BU	5 x 6 x 2.2	Snap-on	200 markers	5 cards
3301.7	MC SB 6/200 WH	5 x 6 x 2.2	Snap-on	200 markers	5 cards
3301.8	MC SB 6/200 YE	5 x 6 x 2.2	Snap-on	200 markers	5 cards
3301.9	MC SB 6/200 RD	5 x 6 x 2.2	Snap-on	200 markers	5 cards
3326.1	MC SB 7.5/160 GN	5 x 7.5 x 3.1	Snap-on	160 markers	5 cards
3326.3	MC SB 7.5/160 OG	5 x 7.5 x 3.1	Snap-on	160 markers	5 cards
3326.5	MC SB 7.5/160 BU	5 x 7.5 x 3.1	Snap-on	160 markers	5 cards
3326.7	MC SB 7.5/160 WH	5 x 7.5 x 3.1	Snap-on	160 markers	5 cards
3326.8	MC SB 7.5/160 YE	5 x 7.5 x 3.1	Snap-on	160 markers	5 cards
3326.9	MC SB 7.5/160 RD	5 x 7.5 x 3.1	Snap-on	160 markers	5 cards
3328.1	MC SB 8/160 GN	5 x 8 x 2.2	Snap-on	160 markers	5 cards
3328.3	MC SB 8/160 OG	5 x 8 x 2.2	Snap-on	160 markers	5 cards
3328.5	MC SB 8/160 BU	5 x 8 x 2.2	Snap-on	160 markers	5 cards
3328.7	MC SB 8/160 WH	5 x 8 x 2.2	Snap-on	160 markers	5 cards
3328.8	MC SB 8/160 YE	5 x 8 x 2.2	Snap-on	160 markers	5 cards
3328.9	MC SB 8/160 RD	5 x 8 x 2.2	Snap-on	160 markers	5 cards
3309.1	MC BSTR 5/144 GN	10 x 5 x 2.2	Snap-on	144 markers	5 cards
3309.3	MC BSTR 5/144 OG	10 x 5 x 2.2	Snap-on	144 markers	5 cards
3309.5	MC BSTR 5/144 BU	10 x 5 x 2.2	Snap-on	144 markers	5 cards
3309.7	MC BSTR 5/144 WH	10 x 5 x 2.2	Snap-on	144 markers	5 cards
3309.8	MC BSTR 5/144 YE	10 x 5 x 2.2	Snap-on	144 markers	5 cards
3309.9	MC BSTR 5/144 RD	10 x 5 x 2.2	Snap-on	144 markers	5 cards
3310.1	MC BSTR 5/144 MI GN	10 x 5 x 2.2	Snap-on	144 markers	5 cards
3310.3	MC BSTR 5/144 MI OG	10 x 5 x 2.2	Snap-on	144 markers	5 cards
3310.5	MC BSTR 5/144 MI BU	10 x 5 x 2.2	Snap-on	144 markers	5 cards
3310.7	MC BSTR 5/144 MI WH	10 x 5 x 2.2	Snap-on	144 markers	5 cards
3310.8	MC BSTR 5/144 MI YE	10 x 5 x 2.2	Snap-on	144 markers	5 cards
3310.9	MC BSTR 5/144 MI RD	10 x 5 x 2.2	Snap-on	144 markers	5 cards
3314.1	MC BSTR 6/120 GN	12 x 6 x 2.2	Snap-on	120 markers	5 cards
3314.3	MC BSTR 6/120 OG	12 x 6 x 2.2	Snap-on	120 markers	5 cards
3314.5	MC BSTR 6/120 BU	12 x 6 x 2.2	Snap-on	120 markers	5 cards
3314.7	MC BSTR 6/120 WH	12 x 6 x 2.2	Snap-on	120 markers	5 cards
3314.8	MC BSTR 6/120 YE	12 x 6 x 2.2	Snap-on	120 markers	5 cards
3314.9	MC BSTR 6/120 RD	12 x 6 x 2.2	Snap-on	120 markers	5 cards
3380.1	MC BSTR 5 x12/144 GN	10 x 5 x 2.7	Snap-on	144 markers	5 cards
3380.3	MC BSTR 5 x12/144 OG	10 x 5 x 2.7	Snap-on	144 markers	5 cards
3380.5	MC BSTR 5 x12/144 BU	10 x 5 x 2.7	Snap-on	144 markers	5 cards
3380.7	MC BSTR 5 x12/144 WH	10 x 5 x 2.7	Snap-on	144 markers	5 cards
3380.8	MC BSTR 5 x12/144 YE	10 x 5 x 2.7	Snap-on	144 markers	5 cards
3380.9	MC BSTR 5 x12/144 RD	10 x 5 x 2.7	Snap-on	144 markers	5 cards
9406.1	MC BSTR 8 x12/84 GN	12 x 8 x 3.1	Snap-on	84 markers	5 cards
9406.3	MC BSTR 8 x12/84 OG	12 x 8 x 3.1	Snap-on	84 markers	5 cards
9406.5	MC BSTR 8 x12/84 BU	12 x 8 x 3.1	Snap-on	84 markers	5 cards
9406.7	MC BSTR 8 x12/84 WH	12 x 8 x 3.1	Snap-on	84 markers	5 cards
9406.8	MC BSTR 8 x12/84 YE	12 x 8 x 3.1	Snap-on	84 markers	5 cards
9406.9	MC BSTR 8 x12/84 RD	12 x 8 x 3.1	Snap-on	84 markers	5 cards
9408.1	MC BSTR 10 x12/40 GN	12 x 10 x 3.1	Snap-on	40 markers	5 cards
9408.3	MC BSTR 10 x12/40 OG	12 x 10 x 3.1	Snap-on	40 markers	5 cards
9408.5	MC BSTR 10 x12/40 BU	12 x 10 x 3.1	Snap-on	40 markers	5 cards
9408.7	MC BSTR 10 x12/40 WH	12 x 10 x 3.1	Snap-on	40 markers	5 cards
9408.8	MC BSTR 10 x12/40 YE	12 x 10 x 3.1	Snap-on	40 markers	5 cards
9408.9	MC BSTR 10 x12/40 RD	12 x 10 x 3.1	Snap-on	40 markers	5 cards
3355.7	MC MM 5 x10/120 WH	5 x 10 x 3.9	Snap-on	120 markers	5 cards
3356.7	MC MM 6 x10/120 WH	6 x 10 x 3.9	Snap-on	120 markers	5 cards



Wire and cable markers – Maxicard MC KMC

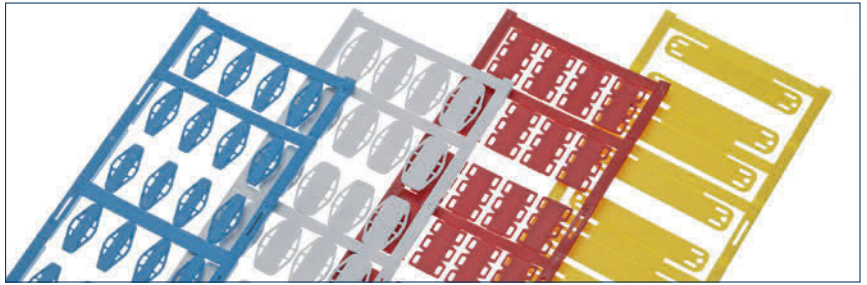
Maxicard MC KMS

The **Maxicard KMS** provides a clear, quick and simple solution for marking a cable. The **MC KMS** is attached to the cable using one or more cable ties.

They are perfect for use with wire cross-sections of 16 mm² and larger. They are available in four different sizes.

The blank Maxicards can be easily labelled using the **FMScolor**.

Maxicard



Type	Maxicard
Type	Maxicard
Colours available	<ul style="list-style-type: none"> 5 Blue 7 White 8 Yellow 9 Red
Characteristics	
Size	
Card size (mm)	240 x 76
Material	
Material	Polyamide 6.6 UL 94-V2, halogen-free
Temperature range	-40°C to +150°C
Resistance	Acetone, oils, greases, lubricants, cleaning agents, UV, weathering, chemicals, seawater
Inscription/print	
Printing process	Ink-jet printing
Fixation	Heat
Resistance	Smudge and scratch resistant; resistant to acetone, oils, grease, switch-gear cleansers, dry cleaning, high-pressure cleaning with hot steam, and sparks; 2,000 hours UV radiation
Application	
Attachment	Cable ties
FMS inlay type	CCI-100

Cat. no.	Type	Tag size L x W (mm)	Attachment	Markers per card	Qty.
3302.5	MC KMS 15/24 BU	15 x 24	Cable ties	32 markers	5 cards
3302.7	MC KMS 15/24 WH	15 x 24	Cable ties	32 markers	5 cards
3302.8	MC KMS 15/24 YE	15 x 24	Cable ties	32 markers	5 cards
3302.9	MC KMS 15/24 RD	15 x 24	Cable ties	32 markers	5 cards
3303.5	MC KMS 10/23 BU	10 x 23	Cable ties	32 markers	5 cards
3303.7	MC KMS 10/23 WH	10 x 23	Cable ties	32 markers	5 cards
3303.8	MC KMS 10/23 YE	10 x 23	Cable ties	32 markers	5 cards
3303.9	MC KMS 10/23 RD	10 x 23	Cable ties	32 markers	5 cards
3304.5	MC KMS 14/23 BU	14 x 23	Cable ties	32 markers	5 cards
3304.7	MC KMS 14/23 WH	14 x 23	Cable ties	32 markers	5 cards
3304.8	MC KMS 14/23 YE	14 x 23	Cable ties	32 markers	5 cards
3304.9	MC KMS 14/23 RD	14 x 23	Cable ties	32 markers	5 cards
3305.5	MC KMS 11/60 BU	11 x 60	Cable ties	12 markers	5 cards
3305.7	MC KMS 11/60 WH	11 x 60	Cable ties	12 markers	5 cards
3305.8	MC KMS 11/60 YE	11 x 60	Cable ties	12 markers	5 cards
3305.9	MC KMS 11/60 RD	11 x 60	Cable ties	12 markers	5 cards



Device and installation markers – Maxicard MC GS, GST and GSU

Maxicard MC GS, GST and GSU

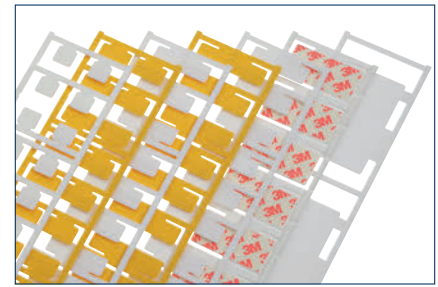
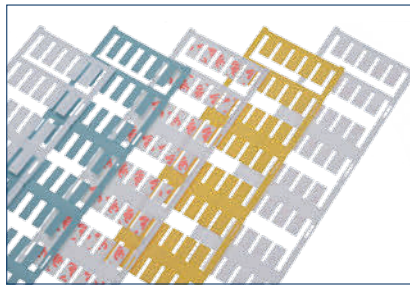
The **Maxicard GS** allows you to label contactors, automatic switching equipment, relays and circuit breakers from leading manufacturers in a safe, quick and simple manner. Markers are available to fit equipment manufactured by the following companies: ABB, Siemens, Telemecanique, EATON, GE, AEG, ifm-electronic and Finder. The **MC GS.. K** self-adhesive types can be used anywhere in the field or in the switchgear cabinet. The blank Maxicards can be easily labelled using the **FMScolor**.

The **Maxicard GST** provides a clear, quick and simple solution for labelling command/alert devices. The markers are snapped onto the holders or attached by means of the adhesive film on both sides. The markers fit on the **GST-H** holders. These are available in four different sizes and have an inner diameter of 22 mm. The blank Maxicards can be easily labelled using the **FMScolor**.

The **Maxicard GSU** provides a clear, quick and simple solution for labelling devices, components and switchgear cabinets. The marker is snapped in to the **GSU-H** holder. It is protected from environmental conditions by the **STR MC GSU** protective strips. They are available in seven sizes, as either snap-on (R) or stick-on (K) variants.

The blank Maxicards can be easily labelled using the **FMScolor**.

Maxicard



Type	
Type	Maxicard
Colours available	
	Silver Turquoise White Yellow
Characteristics	
Size	
Card size (mm)	240 x 76
Material	
Material	Polyamide PA 6.6 UL 94-V2, halogen-free
Temperature range	-40°C to +105°C
Resistance	Acetone, oils, greases, lubricants, cleaning agents, UV, weathering, chemicals, seawater
Inscription/print	
Printing process	Ink-jet printing
Fixation	Heat
Resistance	Smudge and scratch resistant; resistant to acetone, oils, grease, switchgear cleansers, dry cleaning, high-pressure cleaning with hot steam, and sparks; 2,000 hours UV radiation
Application	
Attachment	Snap-on, cable ties with GSU-H holders, self-adhesive (K variant) Holder GST-H
FMS inlay type	CCI-100

Cat. no.	Type	Tag size L x W (mm)	Attachment	Markers per card	Qty.
3886.7	MC GS 6x12 K WH	6 x 12	Adhesive	120 markers	5 cards
3884.7	MC GS 6x12 R WH	6 x 12	Snap-on	120 markers	5 cards
3381.7	MC GS 7/20 K WH	20 x 7	Adhesive	40 markers	5 cards
3381.8	MC GS 7/20 K YE	20 x 7	Adhesive	40 markers	5 cards
3329.0	MC GS 7/20 R CY	20 x 7	Snap-on	40 markers	5 cards
3329.7	MC GS 7/20 R WH	20 x 7	Snap-on	40 markers	5 cards
3329.8	MC GS 7/20 R YE	20 x 7	Snap-on	40 markers	5 cards
3321.7	MC GS 8/17 R t WH	17 x 8	Snap-on	40 markers	5 cards
3320.7	MC GS 8/17 R WH	17 x 8	Snap-on	40 markers	5 cards
3322.7	MC GS 8/19 R WH	19 x 8	Snap-on	40 markers	5 cards
3323.7	MC GS 9/17 K WH	17 x 9	Adhesive	40 markers	5 cards
3323.8	MC GS 9/17 K YE	17 x 9	Adhesive	40 markers	5 cards
3324.7	MC GS 9/20 R WH	20 x 9	Snap-on	40 markers	5 cards
3344.0	MC GST 22/22 K SI	22 x 22	Adhesive	16 markers	5 cards
3344.7	MC GST 22/22 K WH	22 x 22	Adhesive	16 markers	5 cards
3341.0	MC GST 27/12.5 K SI	12.5 x 27	Adhesive	16 markers	5 cards
3341.7	MC GST 27/12.5 K WH	12.5 x 27	Adhesive	16 markers	5 cards
3336.0	MC GST 27/12.5 R SI	12.5 x 27	Snap-on	16 markers	5 cards
3336.7	MC GST 27/12.5 R WH	12.5 x 27	Snap-on	16 markers	5 cards
3342.0	MC GST 27/18 K SI	18 x 27	Adhesive	16 markers	5 cards
3342.7	MC GST 27/18 K WH	18 x 27	Adhesive	16 markers	5 cards
3337.0	MC GST 27/18 R SI	18 x 27	Snap-on	16 markers	5 cards
3337.7	MC GST 27/18 R WH	18 x 27	Snap-on	16 markers	5 cards
3343.0	MC GST 27/27 K SI	27 x 27	Adhesive	12 markers	5 cards
3343.7	MC GST 27/27 K WH	27 x 27	Adhesive	12 markers	5 cards
3338.0	MC GST 27/27 R SI	27 x 27	Snap-on	12 markers	5 cards
3338.7	MC GST 27/27 R WH	27 x 27	Snap-on	12 markers	5 cards
3339.0	MC GST 27/8 K SI	8 x 27	Adhesive	16 markers	5 cards
3339.7	MC GST 27/8 K WH	8 x 27	Adhesive	16 markers	5 cards
3340.0	MC GST 27/8 R SI	8 x 27	Snap-on	16 markers	5 cards
3340.7	MC GST 27/8 R WH	8 x 27	Snap-on	16 markers	5 cards
3384.7	MC GSU 17 x 15 K WH	17 x 15	Adhesive	16 markers	5 cards
3384.8	MC GSU 17 x 15 K YE	17 x 15	Adhesive	16 markers	5 cards
3382.7	MC GSU 17 x 15 R WH	17 x 15	Snap-on	16 markers	5 cards
3382.8	MC GSU 17 x 15 R YE	17 x 15	Snap-on	16 markers	5 cards
3387.7	MC GSU 27 x 15 K WH	27 x 15	Adhesive	16 markers	5 cards
3387.8	MC GSU 27 x 15 K YE	27 x 15	Adhesive	16 markers	5 cards
3386.7	MC GSU 27 x 15 R WH	27 x 15	Snap-on	16 markers	5 cards
3386.8	MC GSU 27 x 15 R YE	27 x 15	Snap-on	16 markers	5 cards
3398.7	MC GSU 45 x 15 K WH	45 x 15	Adhesive	8 markers	5 cards
3398.8	MC GSU 45 x 15 K YE	45 x 15	Adhesive	8 markers	5 cards
3391.7	MC GSU 49 x 15 K WH	49 x 15	Adhesive	8 markers	5 cards
3391.8	MC GSU 49 x 15 K YE	49 x 15	Adhesive	8 markers	5 cards
3390.7	MC GSU 49 x 15 R WH	49 x 15	Snap-on	8 markers	5 cards
3390.8	MC GSU 49 x 15 R YE	49 x 15	Snap-on	8 markers	5 cards
3395.7	MC GSU 60 x 15 K WH	60 x 15	Adhesive	8 markers	5 cards
3395.8	MC GSU 60 x 15 K YE	60 x 15	Adhesive	8 markers	5 cards
3394.7	MC GSU 60 x 15 R WH	60 x 15	Snap-on	8 markers	5 cards
3394.8	MC GSU 60 x 15 R YE	60 x 15	Snap-on	8 markers	5 cards
3853.7	MC GSU 60 x 30 K WH	60 x 30	Adhesive	6 markers	5 cards
3853.8	MC GSU 60 x 30 K YE	60 x 30	Adhesive	6 markers	5 cards
3852.7	MC GSU 60 x 30 R WH	60 x 30	Snap-on	6 markers	5 cards
3852.8	MC GSU 60 x 30 R YE	60 x 30	Snap-on	6 markers	5 cards
3857.7	MC GSU 85.4 x 54 K WH	85.4 x 54	Adhesive	2 markers	5 cards
3857.8	MC GSU 85.4 x 54 K YE	85.4 x 54	Adhesive	2 markers	5 cards
3856.7	MC GSU 85.4 x 54 R WH	85.4 x 54	Snap-on	2 markers	5 cards
3856.8	MC GSU 85.4 x 54 R YE	85.4 x 54	Snap-on	2 markers	5 cards



Wire and cable markers – Maxicard MC ESS and KMC

Maxicard MC ESS and KMC

The **Maxicard ESS** provides a clear, quick and simple solution for marking a wire. The **MC ESS** single markers are pushed into custom-designed **KH, KHZ, KH E** or **KSH** cable-marker sleeves. The combination of the MC ESS with the cable-marker sleeves provides optimal protection for the label against external environmental factors. They can be used for marking wires up to 70 mm² and are available in five different lengths.

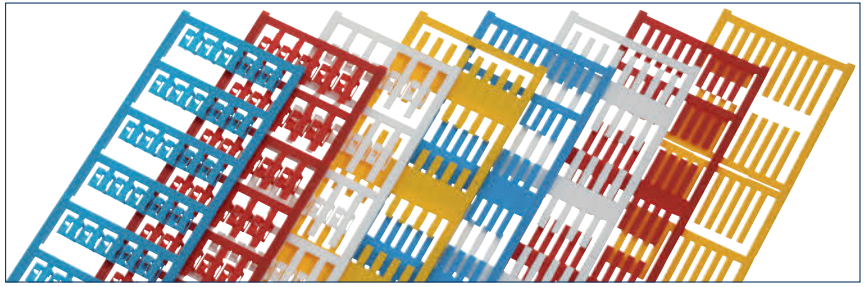
The **Maxicard KMC** is a clear, quick and simple solution for marking a wire. The **MC KMC** can be attached to a wire that has already been connected. The plastic halves snap together to hold the marker captive on the wire.

The MC KMC 0 is the optimal solution for wire cross-sections ranging from 0.14 to 1.0 mm² and for diameters from 0.9 to 2.6 mm.

The MC KMC 1 is best for wire cross-sections ranging from 0.75 to 2.5 mm² and for diameters from 2.0 to 3.5 mm.

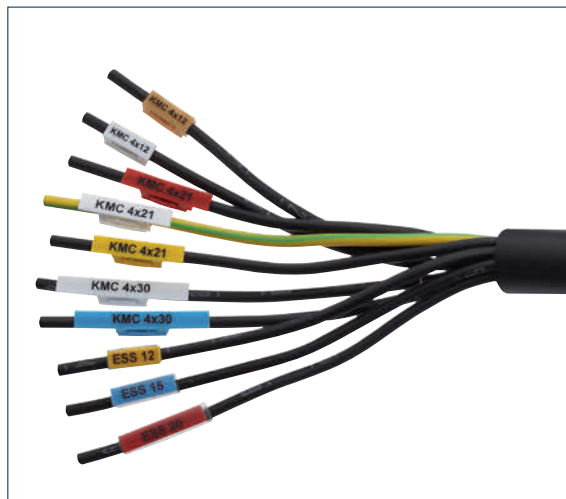
The blank Maxicards can be easily labelled using the **FMScolor**.

Maxicard



Type	
Type	Maxicard
Colours available	<ul style="list-style-type: none"> 1 Green 2 Orange 3 Blue 4 White 5 Yellow 6 Red
Characteristics	
Size	
Card size (mm)	240 x 76
Material	
Material	Polyamide PA 6.6 UL 94-V2, halogen-free
Temperature range	-40°C to +105°C
Resistance	Acetone, oils, greases, lubricants, cleaning agents, UV, weathering, chemicals, seawater
Inscription/print	
Printing process	Ink-jet printing
Fixation	Heat
Resistance	Smudge and scratch resistant; resistant to acetone, oils, grease, switch-gear cleansers, dry cleaning, high-pressure cleaning with hot steam, and sparks; 2,000 hours UV radiation
Application	
Attachment	Attachment in cable sleeves (KH) Clip attachment (KMC)
FMS inlay type	CCI-100

Cat. no.	Type	Tag size L x W (mm)	Attachment	Markers per card	Qty.
3316.5	MC ESS 12/64 BU	12 x 4	Cable sleeve	64 markers	5 cards
3316.1	MC ESS 12/64 GN	12 x 4	Cable sleeve	64 markers	5 cards
3316.3	MC ESS 12/64 OG	12 x 4	Cable sleeve	64 markers	5 cards
3316.9	MC ESS 12/64 RD	12 x 4	Cable sleeve	64 markers	5 cards
3316.7	MC ESS 12/64 WH	12 x 4	Cable sleeve	64 markers	5 cards
3316.8	MC ESS 12/64 YE	12 x 4	Cable sleeve	64 markers	5 cards
3317.5	MC ESS 15/80 BU	15 x 4	Cable sleeve	80 markers	5 cards
3317.1	MC ESS 15/80 GN	15 x 4	Cable sleeve	80 markers	5 cards
3317.3	MC ESS 15/80 OG	15 x 4	Cable sleeve	80 markers	5 cards
3317.9	MC ESS 15/80 RD	15 x 4	Cable sleeve	80 markers	5 cards
3317.7	MC ESS 15/80 WH	15 x 4	Cable sleeve	80 markers	5 cards
3317.8	MC ESS 15/80 YE	15 x 4	Cable sleeve	80 markers	5 cards
3318.5	MC ESS 18/64 BU	18 x 4	Cable sleeve	64 markers	5 cards
3318.1	MC ESS 18/64 GN	18 x 4	Cable sleeve	64 markers	5 cards
3318.3	MC ESS 18/64 OG	18 x 4	Cable sleeve	64 markers	5 cards
3318.9	MC ESS 18/64 RD	18 x 4	Cable sleeve	64 markers	5 cards
3318.7	MC ESS 18/64 WH	18 x 4	Cable sleeve	64 markers	5 cards
3318.8	MC ESS 18/64 YE	18 x 4	Cable sleeve	64 markers	5 cards
3319.5	MC ESS 20/80 BU	20 x 4	Cable sleeve	80 markers	5 cards
3319.1	MC ESS 20/80 GN	20 x 4	Cable sleeve	80 markers	5 cards
3319.3	MC ESS 20/80 OG	20 x 4	Cable sleeve	80 markers	5 cards
3319.9	MC ESS 20/80 RD	20 x 4	Cable sleeve	80 markers	5 cards
3319.7	MC ESS 20/80 WH	20 x 4	Cable sleeve	80 markers	5 cards
3319.8	MC ESS 20/80 YE	20 x 4	Cable sleeve	80 markers	5 cards
3354.5	MC ESS 30/60 BU	30 x 4	Cable sleeve	60 markers	5 cards
3354.1	MC ESS 30/60 GN	30 x 4	Cable sleeve	60 markers	5 cards
3354.3	MC ESS 30/60 OG	30 x 4	Cable sleeve	60 markers	5 cards
3354.9	MC ESS 30/60 RD	30 x 4	Cable sleeve	60 markers	5 cards
3354.7	MC ESS 30/60 WH	30 x 4	Cable sleeve	60 markers	5 cards
3354.8	MC ESS 30/60 YE	30 x 4	Cable sleeve	60 markers	5 cards
9810.5	MC KMC 0/4 x12/40 BU	12 x 4.1	Clip	40 markers	5 cards
9810.0	MC KMC 0/4 x12/40 GO	12 x 4.1	Clip	40 markers	5 cards
9810.9	MC KMC 0/4 x12/40 RD	12 x 4.1	Clip	40 markers	5 cards
9810.7	MC KMC 0/4 x12/40 WH	12 x 4.1	Clip	40 markers	5 cards
9810.8	MC KMC 0/4 x12/40 YE	12 x 4.1	Clip	40 markers	5 cards
9812.5	MC KMC 0/4 x21/40 BU	21 x 4.1	Clip	40 markers	5 cards
9812.0	MC KMC 0/4 x21/40 GO	21 x 4.1	Clip	40 markers	5 cards
9812.9	MC KMC 0/4 x21/40 RD	21 x 4.1	Clip	40 markers	5 cards
9812.7	MC KMC 0/4 x21/40 WH	21 x 4.1	Clip	40 markers	5 cards
9812.8	MC KMC 0/4 x21/40 YE	21 x 4.1	Clip	40 markers	5 cards
9814.5	MC KMC 0/4 x30/30 BU	30 x 4.1	Clip	40 markers	5 cards
9814.0	MC KMC 0/4 x30/30 GO	30 x 4.1	Clip	40 markers	5 cards
9814.9	MC KMC 0/4 x30/30 RD	30 x 4.1	Clip	40 markers	5 cards
9814.7	MC KMC 0/4 x30/30 WH	30 x 4.1	Clip	40 markers	5 cards
9814.8	MC KMC 0/4 x30/30 YE	30 x 4.1	Clip	40 markers	5 cards
9816.5	MC KMC 1/4 x12/40 BU	12 x 4.1	Clip	40 markers	5 cards
9816.9	MC KMC 1/4 x12/40 RD	12 x 4.1	Clip	40 markers	5 cards
9816.7	MC KMC 1/4 x12/40 WH	12 x 4.1	Clip	40 markers	5 cards
9816.8	MC KMC 1/4 x12/40 YE	12 x 4.1	Clip	40 markers	5 cards



Thermal-transfer printer TTP eco

TTP eco

Thermal-transfer printer

*The **TTP eco** thermal-transfer printer was specially designed for marking solutions in systems and switchgear cabinet applications and is very versatile. It offers an economical alternative for easily printing **CONTA-CLIP GKE** and **KKE** label rolls.*



Thermal-transfer printer TTP eco

This printer prints either by direct thermal printing or by using a thermal transfer process. The large housing lid makes it easy to change label rolls and ink ribbons quickly.

In spite of the compact size of its housing, the printer can be fitted with label rolls up to 127 mm (5") wide, and with ink ribbons up to 300 m long. Idle time due to replacement of consumables is therefore reduced and productivity is increased.

Thermal-transfer printer TTP eco

Thermal-transfer printer TTP eco

- Its speed and precision make the **TTP eco** printer ideal for industrial applications.
- Quick load times for different print variants, thanks to fast and straightforward swapping of label rolls.
- The accompanying labelling software, **CONTA-Sign CS**, is available in ten languages (German, English, French, Spanish, Hungarian, Italian, Dutch, Polish, Russian and Swedish).
- Free software updates can be downloaded from our web page.
- The **TTP eco** can be used to print on **GKE** and **KKE** labels quickly and simply.

TTP eco



Type

Type

Cat. no.

Technical data

Printer type	Thermal transfer
Intended use	Printing of labels
Diameter of label role core	25.4 mm / 38.1 mm / 76.2 mm
Max. diameter of roll	127 mm
Max. label width	118 mm
Min. label width	25 mm
Print width	104 mm
Max. printing height	850 mm
Min. label height	12 mm
Resolution	203 dpi
Max. printing speed	50 - 100 mm/sec
Print head	Flat type
Interfaces	RS232 C / USB 1.1 / Parallel Centronics (SPP)
Bar codes	EAN 8, EAN 13, EAN 128, Code 39, Code 39 extended, Code 128, Code 2/5 interleaved
Size (W x H x D)	226 mm x 171 mm x 285 mm
Weight	Approx. 3 kg
Supply voltage	110-230 V AC 50-60 Hz
Rated power consumption	Max. 70 VA

Operating conditions

Ambient temperature	+5 to +35°C
Relative humidity	Operation: max. 80%, Storage: max. 90%

TTP eco Accessories

Cat. no.	Type	Qty.	Short description
1641.0	TTP film sheet	1	Roll of thermal-transfer film, 110 mm x 300 mm (outside with colour) industrial quality
1639.0	TTP cleaning set	1	1 print head and drum cleaner, 250 ml 1 compressed air for cleaning the photoelectric sensor, 200 ml 22 wipes, 5 cleaning spatulas, 2 cleaning cards, 1 cleaning sheet for print head, 1 label-solvent spray (200 ml)
17742.0	TTP eco cutting knife	1	Automatically cuts labels after the printing process
17743.0	TTP eco external roll unwinder	1	External roll unwinder (for max. outer roll diameter of 250 mm) is required for the following labels: GKE labels 3916.0 and 3906.0 and the KKE labels 3955.8 and 3955.7 .



17742.0
TTP eco cutting knife



17743.0
TTP eco external roll unwinder

Qty.

1

TTP eco starter kit

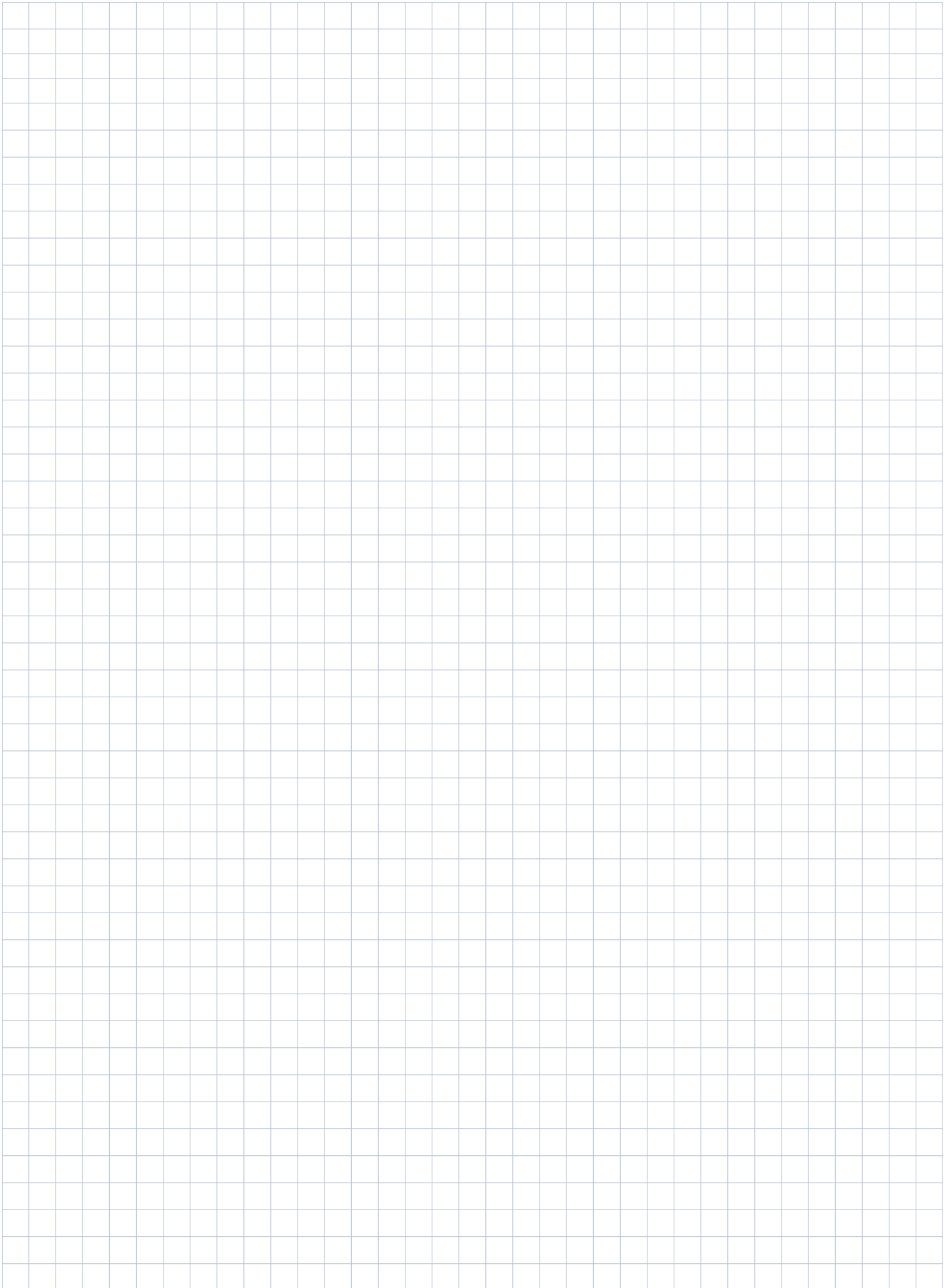
One TTP eco printer (**17740.0**)

One TTP foil (**1641.0**)

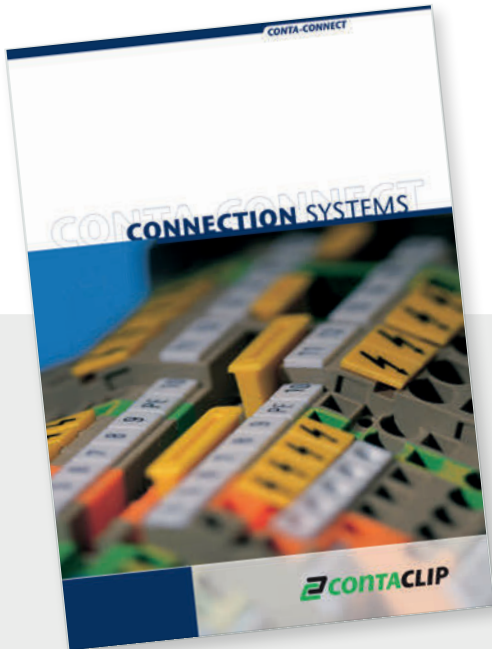
TTP eco thermal-transfer printer: including power cable, printer driver and software **CONTA-Sign CS** software in ten-language version (German, English, French, Spanish, Hungarian, Italian, Dutch, Polish, Russian and Swedish); runs under Windows: XP, Vista, 7. Connecting cable (USB interface cable)

17741.0

Notes





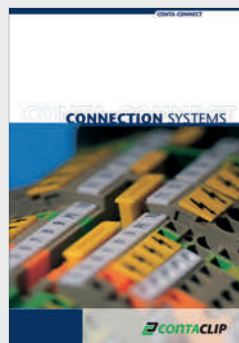


www.conta-clip.com

This document contains supplemental information describing our connection system product portfolio.

For the entire product range, please refer to our main catalogue CONTA-CONNECT, or check our web page at www.conta-clip.com.

CONTA-CONNECT
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CONTA-ELECTRONICS
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CONTA-CON
[PCB Connectors]



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Otto-Hahn-Str. 7
D-33161Hövelhof

Fon +49 (0) 52 57 . 98 33-0
Fax +49 (0) 52 57 . 98 33-33

info@conta-clip.com
www.conta-clip.com