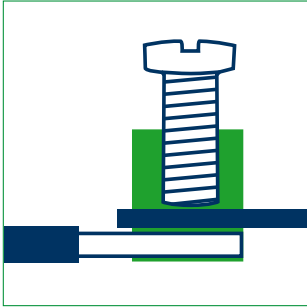
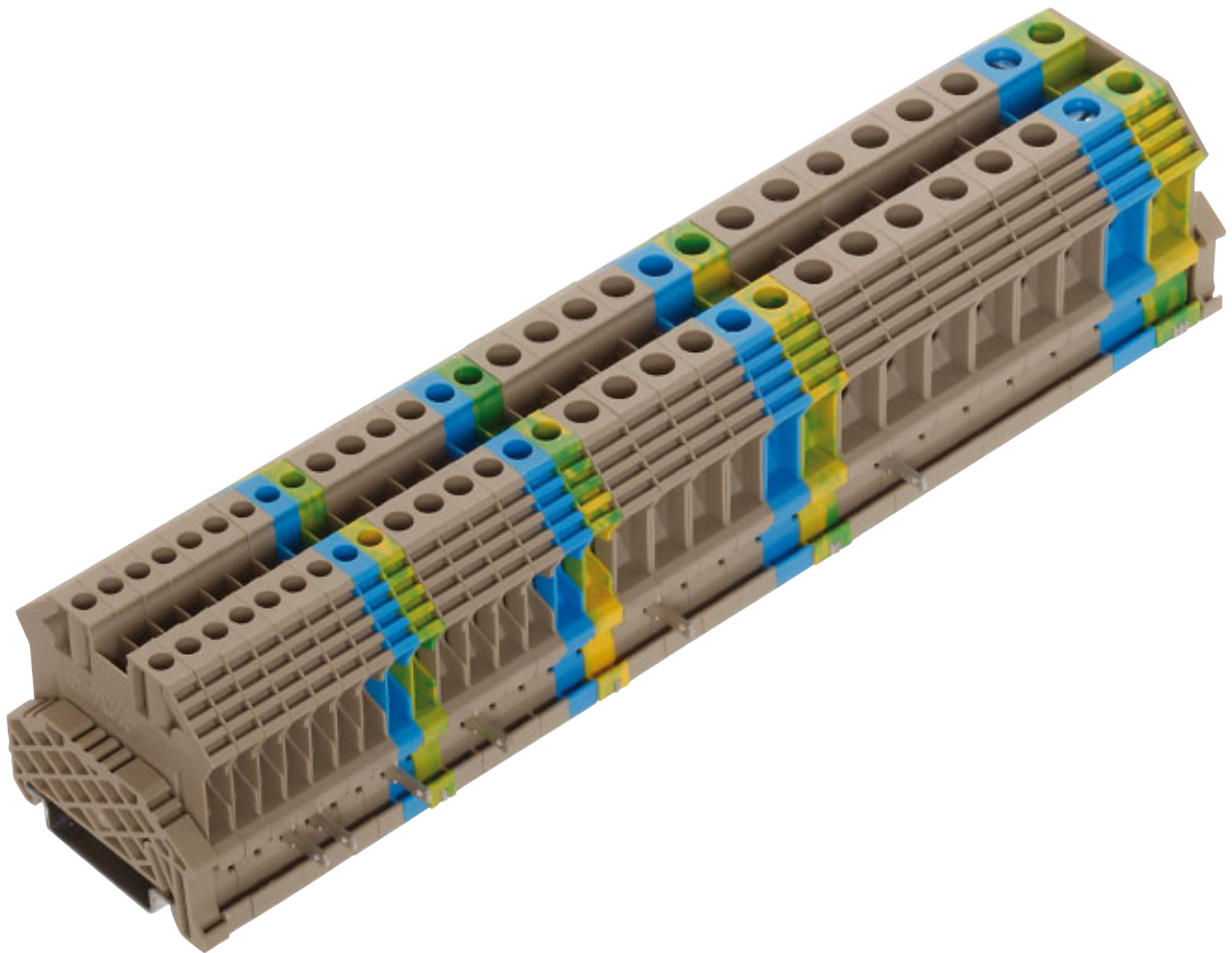


Screw connection system SRK | SSL



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.

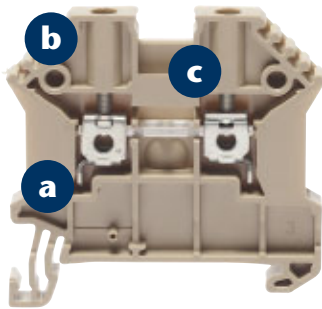
Our well-designed line of accessories allows you to significantly reduce your installation and storage costs. The **SQI** pluggable potential distribution system can be used to multiply potential voltages horizontally. All of the insulating materials used in this product line are free of pollutants. 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

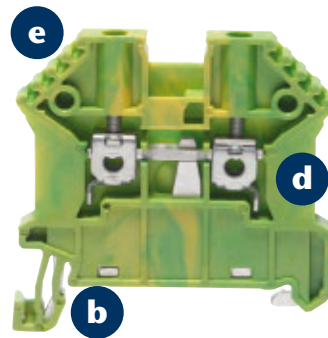
Feature

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.



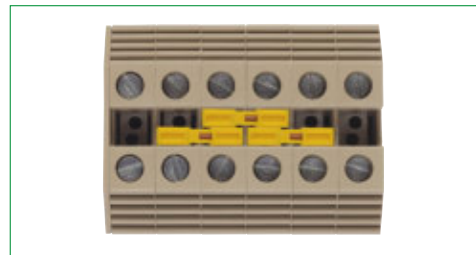
Security and stability

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

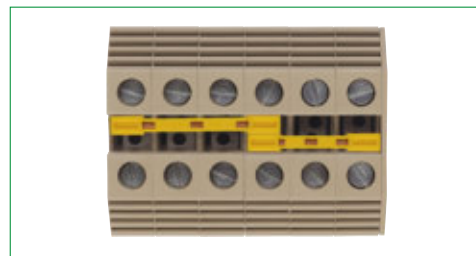
The standard feed-through terminals from 2.5 mm² to 35 mm² feature two cross-connection channels. So the two-pole **SQI.../2** cross-connectors can be used to connect any number of terminals with each other.



Distributing potentials

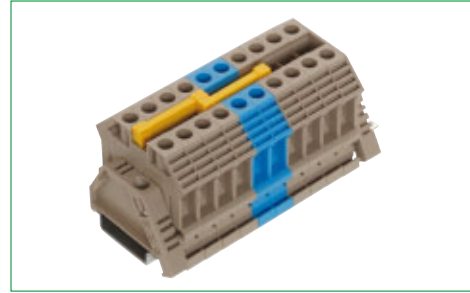
The **SQI 2.5** to **SQI 10** cross-connectors are available with 2 to 10 poles and with 30 poles. Two cross-connection channels allow two voltages to be fed across when working with the standard terminals with rated cross-sections of 2.5 mm², 4 mm², 6 mm² and 10 mm².

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



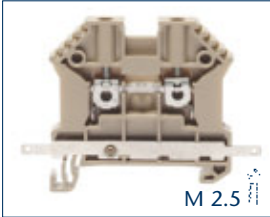
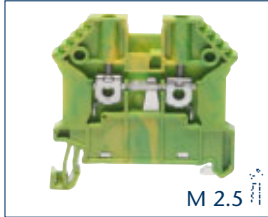
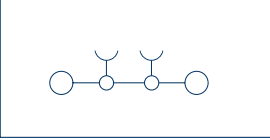
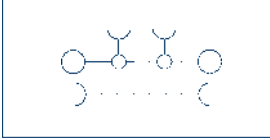
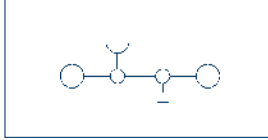
High-quality, quick and concise labelling is possible when using the **PMC SB**, **PMC BSTR** and **MC** labelling systems. The standard terminals feature up to four labelling channels.




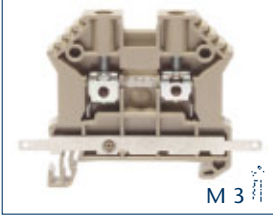

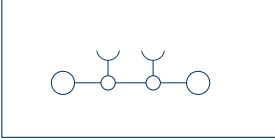
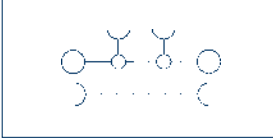
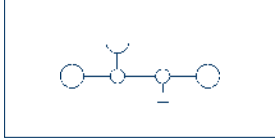
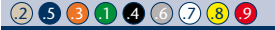


A comprehensive line of accessories

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




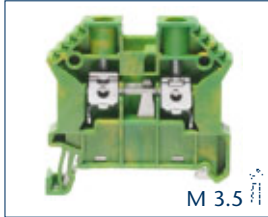
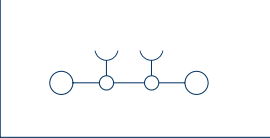
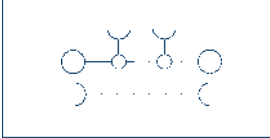
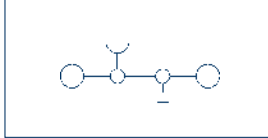



Feed-through terminals SRK | Protective earth terminals SSL

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	 <p>Feed-through terminal 2 connections</p>	 <p>Feed-through terminal, 2 connections with shield connection rail</p>	 <p>PE terminal 2 connections</p>
Connection type	Screw connection	Screw connection	Screw connection
Size (L x W x H) mm, with TS 35 x 7.5 mm	48 x 5 x 47	62.5 x 5 x 47	48 x 5 x 47
Type			
Type Colour	SRK 2.5/2A BG	SRK 2.5/2A SAS BG	SSL 2.5/2A GN
Cat. no.	17100.2	17119.2	17103.2
Type Colour	SRK 2.5/2A BU	SRK 2.5/2A SAS BU	
Cat. no.	17100.5	17119.5	
Type Colour			
Cat. no.			
Type Colour			
Cat. no.			
Colours available	② ⑤ ③ ① ④ ⑥ ⑦ ⑧ ⑨	② ⑤ ③ ① ④ ⑥ ⑦ ⑧ ⑨	②
Ratings	IEC UL CSA	IEC	IEC UL CSA
Rated voltage, V	1000 600 600	400	
Rated current, A Max. current capacity, A	24 32 25 25	24 32	
Rated wire cross-section, mm ² AWG	2.5 30-12	2.5 30-12	2.5 30-12
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	A3 V0	A3 V0	A3 V0
Connection data			
Single wire (solid) stranded (flexible), mm ²	0.2-4 -	0.2-4 -	0.2-4 -
Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm ²	0.2-4 0.2-2.5	0.2-4 0.2-2.5	0.2-4 0.2-2.5
Contact wire range, mm ²	0.2-4	0.2-4	0.2-4
Stripping length, mm	10	10	10
Torque, Nm Screw	0.4-0.8 Slotted M 2.5	0.4-0.8 Slotted M 2.5	0.4-0.8 Slotted M 2.5
Special connection, mm		Fast-on 2.8	
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	2 1	2 1	1 1
Accessories			
End plate AP	AP 2.5-10 BG	AP 2.5-10 BG	AP 2.5-10 GN
Cat. no.	2001.2	2001.2	2001.1
Pick-off terminal SMAG			
Cat. no.			
Partition plate TW	TW 2.5-10 BG	TW 2.5-10 BG	TW 2.5-10 BG
Cat. no.	2002.2	2002.2	2002.2
Insulating cap SQIK for cross-connector	SQIK 2.5-10 YE	SQIK 2.5-10 YE	SQIK 2.5-10 YE
Cat. no.	17200.8	17200.8	17200.8
Insulated cross-connection SQI	SQI 2.5/2 YE	SQI 2.5/2 YE	SQI 2.5/2 YE
Cat. no.	17201.8	17201.8	17201.8
Insulated cross-connection SQI	SQI 2.5/3 YE	SQI 2.5/3 YE	SQI 2.5/3 YE
Cat. no.	17202.8	17202.8	17202.8
Insulated cross-connection SQI	SQI 2.5/4 YE	SQI 2.5/4 YE	SQI 2.5/4 YE
Cat. no.	17203.8	17203.8	17203.8
Insulated cross-connection SQI	SQI 2.5/5 YE	SQI 2.5/5 YE	SQI 2.5/5 YE
Cat. no.	17204.8	17204.8	17204.8
Insulated cross-connection SQI	SQI 2.5/6 YE	SQI 2.5/6 YE	SQI 2.5/6 YE
Cat. no.	17205.8	17205.8	17205.8
Insulated cross-connection SQI	SQI 2.5/7 YE	SQI 2.5/7 YE	SQI 2.5/7 YE
Cat. no.	17206.8	17206.8	17206.8
Insulated cross-connection SQI	SQI 2.5/8 YE	SQI 2.5/8 YE	SQI 2.5/8 YE
Cat. no.	17207.8	17207.8	17207.8
Insulated cross-connection SQI	SQI 2.5/9 YE	SQI 2.5/9 YE	SQI 2.5/9 YE
Cat. no.	17208.8	17208.8	17208.8
Insulated cross-connection SQI	SQI 2.5/10 YE	SQI 2.5/10 YE	SQI 2.5/10 YE
Cat. no.	17209.8	17209.8	17209.8
Insulated cross-connection SQI	SQI 2.5/30 YE	SQI 2.5/30 YE	SQI 2.5/30 YE
Cat. no.	17210.8	17210.8	17210.8
End stop SES	SES 35 BG	SES 35 BG	SES 35 BG
Cat. no.	17250.2	17250.2	17250.2
Screwdriver SDB	SDB 0.5x3.0	SDB 0.5x3.0	SDB 0.5x3.0
Cat. no.	1085.0	1085.0	1085.0
Quick marking PMC SB	PMC SB 5/50 WH	PMC SB 5/50 WH	PMC SB 5/50 WH
Cat. no.	4600.7	4600.7	4600.7


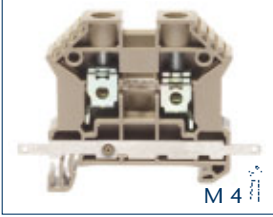
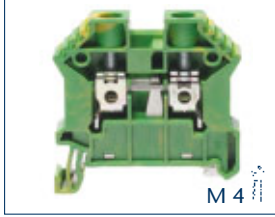
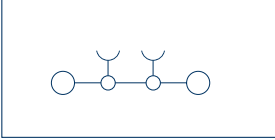
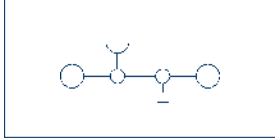
Feed-through terminals SRK | Protective earth terminals SSL

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	IEC 400	IEC 2		
UL 600	UL 32 41	UL 4 26-10		
CSA 600	CSA 8 3	CSA 8 3		
32 41	A4 V0	A4 V0		
4 26-10	0.2-6 -	0.2-6 -		
8 3	0.2-6 0.2-4	0.2-6 0.2-4		
A4 V0	0.2-6	0.2-6		
0.2-6 -	10	10		
0.2-6 0.2-4	0.5-1.0 Slotted M 3	0.5-1.0 Slotted M 3		
0.2-6	Fast-on 2.8	Fast-on 2.8		
10	PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C		
0.5-1.0 Slotted M 3	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 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	SRK 6/2A	SRK 6/2A SAS	SSL 6/2A
 <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 3.5</p>	 <p>M 3.5</p>	 <p>M 3.5</p>
Connection diagram			
	Feed-through terminal 2 connections	Feed-through terminal, 2 connections with shield connection rail	PE terminal 2 connections
Connection type	Screw connection	Screw connection	screw connection
Size (L x W x H) mm, with TS 35 x 7.5 mm	48 x 8 x 47	62.5 x 8 x 47	48 x 8 x 47
Type	Qty.	Qty.	Qty.
Type Colour	SRK 6/2A BG	SRK 6/2A SAS BG	SSL 6/2A GNYE
Cat. no.	17108.2	17117.2	17111.2
Type Colour	SRK 6/2A BU	SRK 6/2A SAS BU	
Cat. no.	17108.5	17117.5	
Type Colour			
Cat. no.			
Type Colour			
Cat. no.			
Colours available			
Ratings	IEC	UL	CSA
Rated voltage, V	1000	600	600
Rated current, A Max. current capacity, A	41 57	50	50
Rated wire cross-section, mm ² AWG	10 22-8		
Rated impulse voltage, kV Contamination degree	8 3		
Plug gauge acc. to EN 60 947-1 Flamm. class acc. to UL 94	A5 V0		
Connection data			
Single wire (solid) stranded (flexible), mm ²	0.2-10 0.2-10		
Finely-stranded finely-stranded (w/ferrules DIN 46 228/1), mm ²	0.2-10 0.2-6		
Contact wire range, mm ²	0.2-10		
Stripping length, mm	10		
Torque, Nm Screw	1.2-2.0 Slotted M 3.5		
Special connection, mm			
Features			
Material of insulated housing Temperature range	PA 6.6 -40 to +120°C		
Number of cross-connection channels Test pick-off option	2 1		
Accessories	Qty.	Qty.	Qty.
End plate AP	AP 2.5-10 BG	AP 2.5-10 BG	AP 2.5-10 GN
Cat. no.	2001.2	2001.2	2001.1
Pick-off terminal SMAG	SMAG 6/4 BG	SMAG 6/4 BG	SMAG 6/4 BG
Cat. no.	17121.2	17121.2	17121.2
Partition plate TW	TW 2.5-10 BG	TW 2.5-10 BG	TW 2.5-10 BG
Cat. no.	2002.2	2002.2	2002.2
Insulating cap SQIK for cross-connector	SQIK 2.5-10 YE	SQIK 2.5-10 YE	SQIK 2.5-10 YE
Cat. no.	17200.8	17200.8	17200.8
Insulated cross-connection SQI	SQI 6/2 YE	SQI 6/2 YE	SQI 6/2 YE
Cat. no.	17221.8	17221.8	17221.8
Insulated cross-connection SQI	SQI 6/3 YE	SQI 6/3 YE	SQI 6/3 YE
Cat. no.	17222.8	17222.8	17222.8
Insulated cross-connection SQI	SQI 6/4 YE	SQI 6/4 YE	SQI 6/4 YE
Cat. no.	17223.8	17223.8	17223.8
Insulated cross-connection SQI	SQI 6/5 YE	SQI 6/5 YE	SQI 6/5 YE
Cat. no.	17224.8	17224.8	17224.8
Insulated cross-connection SQI	SQI 6/6 YE	SQI 6/6 YE	SQI 6/6 YE
Cat. no.	17225.8	17225.8	17225.8
Insulated cross-connection SQI	SQI 6/7 YE	SQI 6/7 YE	SQI 6/7 YE
Cat. no.	17226.8	17226.8	17226.8
Insulated cross-connection SQI	SQI 6/8 YE	SQI 6/8 YE	SQI 6/8 YE
Cat. no.	17227.8	17227.8	17227.8
Insulated cross-connection SQI	SQI 6/9 YE	SQI 6/9 YE	SQI 6/9 YE
Cat. no.	17228.8	17228.8	17228.8
Insulated cross-connection SQI	SQI 6/10 YE	SQI 6/10 YE	SQI 6/10 YE
Cat. no.	17229.8	17229.8	17229.8
Insulated cross-connection SQI	SQI 6/30 YE	SQI 6/30 YE	SQI 6/30 YE
Cat. no.	17230.8	17230.8	17230.8
End stop SES	SES 35 BG	SES 35 BG	SES 35 BG
Cat. no.	17250.2	17250.2	17250.2
Screwdriver SDB	SDB 0.8x4.0	SDB 0.8x4.0	SDB 0.8x4.0
Cat. no.	1087.0	1087.0	1087.0
Quick marking PMC SB	PMC SB 8/40 WH	PMC SB 8/40 WH	PMC SB 8/40 WH
Cat. no.	9323.7	9323.7	9323.7

Feed-through terminals SRK | Protective earth terminals SSL

SRK 10/2A	SRK 10/2A SAS	SSL 10/2A		
				
				
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 1000 57 76 16 18-6 8 3 B7 V0 0.2-16 0.2-16 0.2-16 0.2-10 0.6-16 10 2.0-4.0 Slotted M 4 PA 6.6 -40 to +120°C 2 1	UL 600 65 16 18-6 8 3 B7 V0 0.2-16 0.2-16 0.2-16 0.2-10 0.6-16 10 2.0-4.0 Slotted M 4 Fast-on 2.8 PA 6.6 -40 to +120°C 2 1	CSA 600 65 16 18-6 8 3 B7 V0 0.2-16 0.2-16 0.2-16 0.2-10 0.6-16 10 2.0-4.0 Slotted M 4 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 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

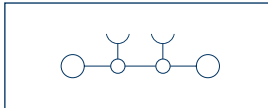
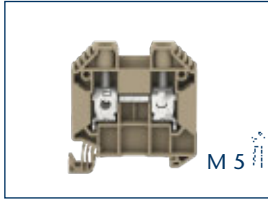
Screw connection system



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

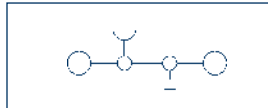
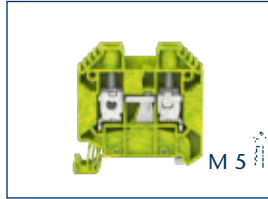
Connection diagram

SRK 16/2A



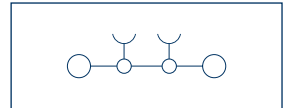
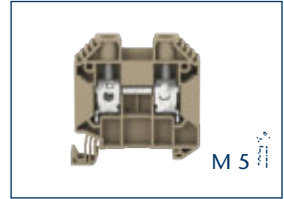
Feed-through terminal
2 connections

SSL 16/2A



Protective earth terminal
2 connections

SRK 16/2A/IS



Feed-through terminal
2 connections

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	

	Qty.
SRK 16/2A BG	
17124.2	50
SRK 16/2A BU	
17124.5	50
SRK 16/2A/Z BG	
17125.2	50

	Qty.
SSL 16/2A GNYE	
17130.2	50

	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

Ratings		
Rated voltage, V	IEC*	UL*
Rated current, A	76 101	85 85
Rated cross-section, mm ² AWG	16 16-4	
Rated impulse voltage, kV Contamination degree	8 3	
Plug gauge acc. to EN 60 947-1 Flamm. class acc. to UL 94	A7 V0	

Ratings		
Rated voltage, V	IEC*	UL*
Rated current, A	76 101	85 85
Rated cross-section, mm ² AWG	16 16-4	
Rated impulse voltage, kV Contamination degree	8 3	
Plug gauge acc. to EN 60 947-1 Flamm. class acc. to UL 94	A7 V0	

Ratings		
Rated voltage, V	IEC*	UL*
Rated current, A	76 101	85 85
Rated cross-section, mm ² AWG	16 16-4	
Rated impulse voltage, kV Contamination degree	8 3	
Plug gauge acc. to EN 60 947-1 Flamm. class acc. to UL 94	A7 V0	

Ratings		
Rated voltage, V	IEC*	UL*
Rated current, A	76 101	85 85
Rated cross-section, mm ² AWG	16 16-4	
Rated impulse voltage, kV Contamination degree	8 3	
Plug gauge acc. to EN 60 947-1 Flamm. class acc. to UL 94	A7 V0	

Connection data	
Single wire (solid) stranded, mm ²	1.5-25 -
Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm ²	1-25 1-16
Clamping area, mm ²	1.5-25
Stripping length, mm	14
Torque, Nm Screw	2.5-3 Slotted M5
Special connection	

Connection data	
Single wire (solid) stranded, mm ²	1.5-25 -
Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm ²	1-25 1-16
Clamping area, mm ²	1.5-25
Stripping length, mm	14
Torque, Nm Screw	2.5-3 Slotted M5
Special connection	

Connection data	
Single wire (solid) stranded, mm ²	1.5-25 -
Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm ²	1-25 1-16
Clamping area, mm ²	1.5-25
Stripping length, mm	14
Torque, Nm Screw	2.5-3 Slotted M5
Special connection	

Connection data	
Single wire (solid) stranded, mm ²	1.5-25 -
Finely-stranded/finely-stranded (w/ferrules DIN 46 228/1), mm ²	1-25 1-16
Clamping area, mm ²	1.5-25
Stripping length, mm	14
Torque, Nm Screw	2.5-3 Hexagon socket M5
Special connection	

Features	
Material of insulated housing Temperature range	PA 6.6 -40 to +120°C
Number of cross-connection channels Test pick-off option	2 1

Features	
Material of insulated housing Temperature range	PA 6.6 -40 to +120°C
Number of cross-connection channels Test pick-off option	2 1

Features	
Material of insulated housing Temperature range	PA 6.6 -40 to +120°C
Number of cross-connection channels Test pick-off option	1 1

Features	
Material of insulated housing Temperature range	PA 6.6 -40 to +120°C
Number of cross-connection channels Test pick-off option	2 1

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.	

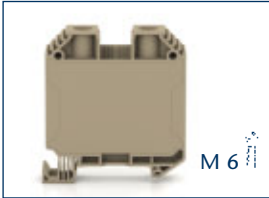
	Qty.
SAP 16/2A BG	
17254.2	20
SQI 16/2 YE	
17247.8	20
SAD 1/12 WH	
17248.7	20
SAD 1/12/B YE	
17249.8	20
SMAG 16/10 BG	
17135.2	10
SDB 0.8x4.0	
1087.0	1

	Qty.
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.
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 8 3 A7 V0	35 16-1/0 8 3 B9 V0	35 16-1/0 8 3 B9 V0	35 16-1/0 8 3 B9 V0	35 16-1/0 8 3 B9 V0
1.5-25 - 1-25 1-16 1.5-25 14	1.5-50 1.5-50 1.5-35 1.5-50 18	1.5-50 1.5-50 1.5-35 1.5-50 18	1.5-50 1.5-50 1.5-35 1.5-50 18	1.5-50 1.5-50 1.5-35 1.5-50 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 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.	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

