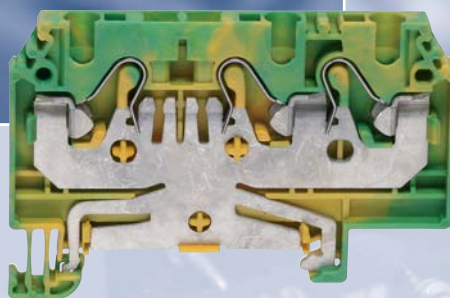
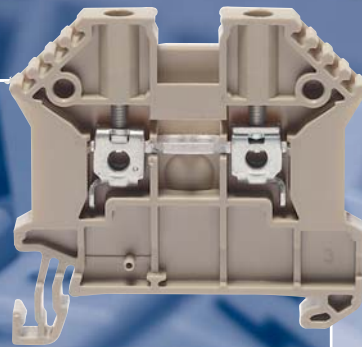
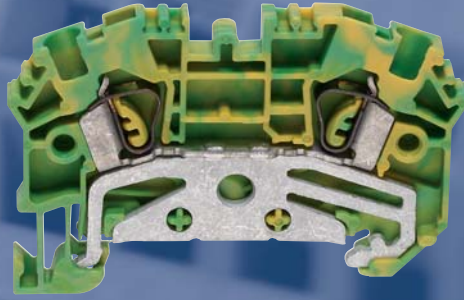
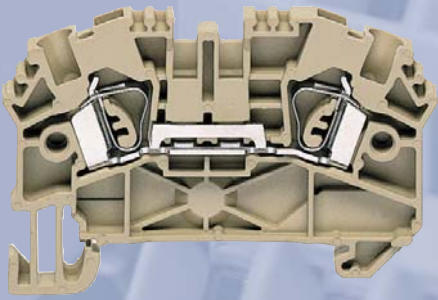


TERMINAL BLOCKS

Connection types



The new SRK | SSL line of screw terminal blocks *Innovative – Safe – Reliable*

Wire connection range from 0,08 mm² to 10 mm²

Insulation housing with increased stability

Two-way cross-connection channel

Four-way labeling channel

Generous cable entries all sizes clamp at the same height

The series in 2.5, 4, 6 and 10 mm² sizes all have the same external dimensions

PA 6.6 UL 94-V0 self-extinguishing plastic
Temperature range: -40°C to +120°C

SSL protective earth snap on terminals with double-sided rail contact



SUCCESS

Easy and safe to wire with a proven and established connection system

The easy-to-operate screw connection mechanism makes it easy and safe to connect both solid and flexible wires either with or without wire-end ferrules. The product line includes the **SRK** feed-through terminals and the **SSL** protective earth terminals with rated conductor cross-sections of 2.5, 4, 6 and 10 mm².

Features of this product range include

- Simple and self-explanatory usage
- Can be used worldwide
- Increased rated current for terminals and cross-connectors
- A connection mechanism that has proven itself in millions of applications over many years
- Wide cable entry surface
- Connection of more than one wire is possible
- PE foot contact to mounting rail on both sides, snaps on without screw can be attached to TS 35 x 7.5 and TS 35 x 15 rails

Housing insulation material

- Polyamide PA 6.6 UL 94-V0
- Resistant to temperatures ranging from -40 °C to +120°C
- Free of toxins such as halogen and phosphorus

Secure contacts and connections

- Strain-relief rising clamp concept
- High contact force and contact security with minimal contact resistance
- A clear separation between the electrical and mechanical functions
- Strain-relief clamp: made from hardened steel, galvanically zinc plated, chromated, and with additional thick-film passivation.
- Busbars made from copper and surface treated (tin)
- Resistant to vibration and maintenance-free
- Corrosion-free
- Low voltage drop

SQI cross-connector: designed for rated voltage and increased rated current in terminals

The **SQI** cross-connector can skip over **SSL** earth terminals

The **SQI** pluggable cross-connector Available in 2- to 10-poles and 30-poles versions, two-way cross-connection channel for a wide variety of possible cross-connections

SSL protective earth terminals can be cross-connected

Cross-connection for a variety of cross-section ranges, with standard **SQI** cross-connections possible

Poles are easy to break out for alternating or skipping over **SQI** cross-connections

When working with cut-off **SQI** cross-connectors, the **SQIK** cap system makes it possible to electrically isolate neighboring cross-connectors/potentials. No partition is required.

INSIDE

The **SRK** feed-through terminals and the **SSL** protective earth terminals have rated cross-sections of 2.5, 4, 6 and 10 mm²

Terminal	Rated cross-section	Terminal width	Rated voltage	Current
SRK 2,5/2A	2.5 mm ²	5 mm	1000 V	32 A
SRK 4/2A	4 mm ²	6 mm	1000 V	45 A
SRK 6/2A	6 mm ²	8 mm	1000 V	57 A
SRK 10/2A	10 mm ²	10 mm	1000 V	76 A

Labelling options

The standard terminals have four labelling channels and can be labeled using four **PMC SB** tags or two **PMC BSTR** tags.

Features

The **SRK 2.5** to **SRK 10** line of feed-through terminals feature a rail adapter built in to the lower part of the terminal housing. In addition to the individual wires, you can now connect the cable shielding of a control or data cable.

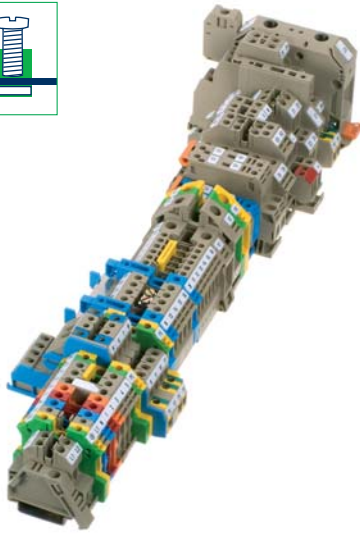
Pluggable cross-connection options

- 2- to 10-poles and 30-poles versions available
- Simple plugging process reduces the installation time needed
- You no longer require partitions or insulating plates between neighboring cross-connectors, since the **SQIs** are designed with built-in protection against accidental touch.
- Cross-connector can carry the full rated current and full rated voltage of the corresponding terminal block.
- It is possible to skip over individual terminals by breaking out contact pins on the cross-connector.

The RK | SL Screw connection system

Proven – Safe – Reliable

Wire connection range from 0,08 mm² to 240 mm²



Secure contacts and connections

- Strain-relief rising clamp concept
- High contact force and contact security with minimal contact resistance
- A clear separation between the electrical and mechanical functions
- Strain-relief clamp: made from hardened steel, galvanically zinc plated, chromated, and with additional thick-film passivation.
- Busbars made from copper or high-quality brass with surface treating (tin)
- Resistant to vibration and maintenance-free
- Corrosion-free
- Low voltage drop

Range of products

- Feed-through terminals and protective earth terminals: with cross-sections from 2.5 mm² to 240 mm²
- Disconnect terminals, fuse terminals and functional terminals
- Double-level terminals with cross-section range from 2.5 mm² to 4 mm²
- Triple-level initiator and actuator terminals
- Double-level terminals with electronic components
- Three-conductor installation terminals and neutral-conductor disconnect terminals
- Test-disconnect terminals and custom-connection terminals
- Direct-mount terminals with cross-section range from 2.5 mm² to 240 mm²
- Cross-connectors with 2 through 10 poles and with 99 poles

Product range features include

- Compact design
- Simple and self-explanatory usage
- Can be used worldwide
- A connection mechanism that has proven itself in millions of applications over many years
- Wide cable entry surface
- Connection of more than one wire is possible
- The PE foot contact element can be screwed on both sides, ensuring a secure mechanical and electrical contact

Housing insulation material

- Polyamide PA 6.6 UL 94-V2
- Resistant to temperatures ranging from -40°C to +105°C
- Free of toxins such as halogen and phosphorus

An overview of the advantages



A field-proven connection system



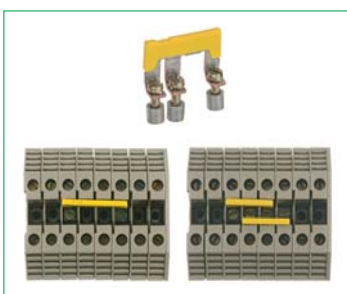
Large wire-entry channel and connection chamber



Combi foot secures fit on both rails (TS 35/TS32)



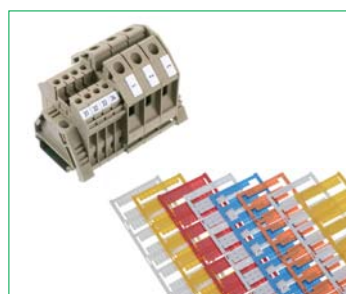
Cross-connection / Distribution of potentials



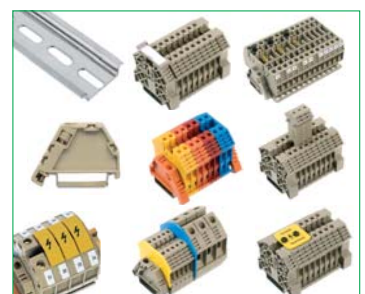
Skip-over bridging / Variable QI cross-connector



AQI external cross-connector



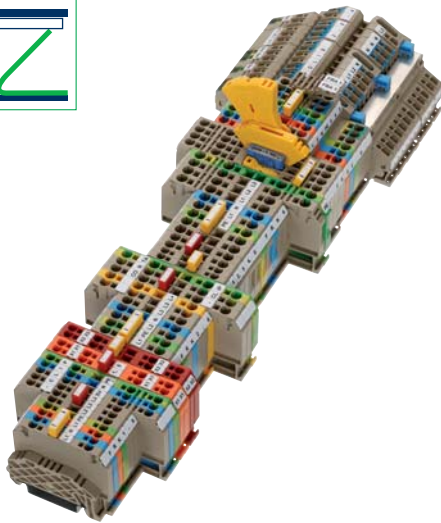
Labelling



Comprehensive range of accessories

The FRK | FSL Pressure-spring connection system *Quick – Safe – Reliable*

Wire connection range from 0,2 mm² to 4 mm²



Secure contacts and connections

- Stainless-steel spring for permanent contact force between the wire and the busbar
- Busbars made from copper with surface treating (tin)
- Clear separation of electrical and mechanical functions
- Resistant to vibration and maintenance-free
- Corrosion-free

Range of products

- Feed-through terminals and protective earth terminals: with cross-sections from 1.5 mm² to 4 mm², in two-, three- and four-conductor versions
- Disconnect terminals, fuse terminals and functional terminals: with 2.5 mm² cross-sections
- Double-level terminals: with 2.5 mm² cross-sections
- Double-level terminals with electronic components
- Three-conductor installation terminals
- Cross-connectors from 2 to 10 poles

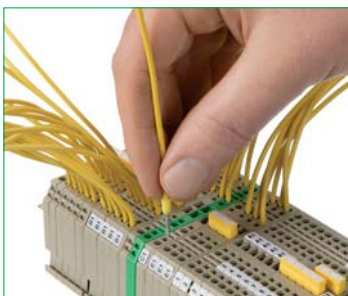
Product range features include

- Compact design
- Up to 80 % less wiring time
- Simple handling
- TOP connection enables simple operation – even in cramped installations
- Wide cable entry surface
- Saves time and money
- Each feed-through terminal has two cross-connection channels

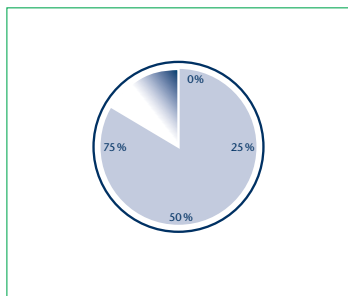
Housing insulation material

- Polyamide PA 6.6 UL 94-V0
- Resistant to temperatures ranging from -40°C to +120°C
- Free of toxins such as halogen and phosphorus

An overview of the advantages



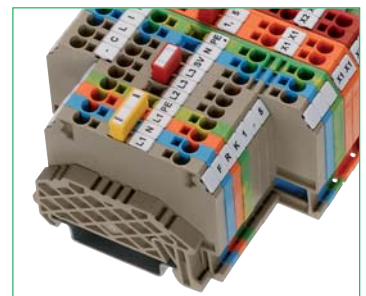
Connection without tools / The ultimate in wiring convenience



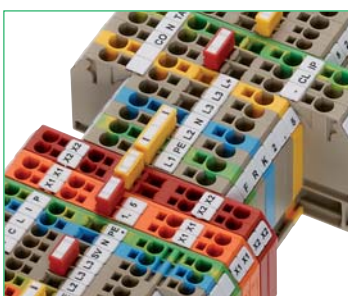
Significant savings of time and money



Compact design



Cross-connection / Distribution of potentials



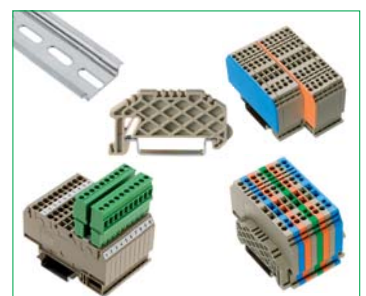
Skip-over bridging



Power feed-in with a small cross-section range



Labelling



Comprehensive range of accessories

The ZRK | ZSL Tension-spring connection system *Quick – Safe – Reliable*

Wire connection range from 0,08 mm² to 16 mm²



Secure contacts and connections

- Stainless-steel spring for permanent contact force between the wire and the busbar
- Busbars made from copper with surface treating (tin)
- Clear separation of electrical and mechanical functions
- Resistant to vibration and maintenance-free
- Corrosion-free

Range of products

- Feed-through terminals and protective earth terminals: with cross-sections from 2.5 mm² to 4 mm², in two-, three- and four-conductor versions
- Feed-through terminals and protective earth terminals: with cross-sections from 6 mm² to 16 mm², in two-conductor version
- Disconnect terminals, fuse terminals and functional terminals: with 2.5 mm² cross-sections
- Double- and triple-level terminals with 2.5 mm² cross-sections
- Initiator and actuator terminals with 1.5 mm² cross-sections
- Direct-mount terminals with 2.5 mm² cross-sections
- Cross-connectors available with 2 through 10 poles and with 99 poles

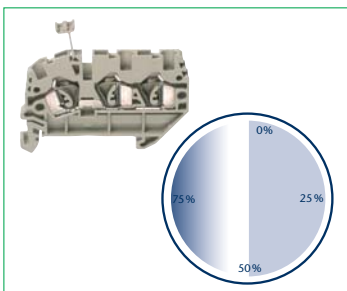
Product range features include

- Compact design
- Up to 50% less wiring time
- Simple handling
- TOP connection enables simple operation – even in cramped installations
- Wide cable entry surface
- Saves time and money

Housing insulation material

- Polyamide PA 6.6 UL 94-V0
- Resistant to temperatures ranging from -40°C to +120°C
- Free of toxins such as halogen and phosphorus

An overview of the advantages



Less time needed for wiring / Compact design



Cross-connection / Potential distribution



Skip-over bridging



Power feed-in with a small cross-section range



Vertical connection for multi-level terminals



Testing / Test adapter



Labelling



Comprehensive range of accessories

CONTA-CLIP deliverables

CONTA-CONNECT SRK SSL Screw connection system 	RK SL Screw connection system 	Double-level terminals RKD 	Motor connection terminals 	Three-level initiator terminals IK IKD 	TRK STK TK Disconnect terminals PTK Test-disconnect terminals
SK1 Fuse terminals STK SIK Fuse disconnect terminals 	TSK Thermoelectric voltage terminals FF SF Term. blocks w. flat-blade connect. 	Neutral-conductor disconnect terminals 	SVB Screw-type distribution blocks 	Compact line of terminals for direct mounting 	TK TKS Transformer terminals
PK-TS Pluggable connection system 	HSK High-power stud terminals 	ZRK ZSL Tension-spring system 	ZRKD Double-level terminals 	ZIKD Triple-level terminals / ZVMAK Motor connection terminals 	ZTRK Disconnect-blade terminals / Dis- connce terminals / Fuse disconnect terminals
ZIZA Initiator terminals / Actuator terminals 	Compact line of terminals for direct mounting 	EX terminal blocks w. ATEX certfic. 	FRK FSL Pressure-spring connection system 	FRKD Double-level terminals 	FTRK Disconnect-blade terminals / Dis- connect terminals / Fuse disconnect terminals
FDLIS Installation terminals 	D Junction box connectors 	European terminals 	Ceramic terminals 	CONTA-LABEL Labeling systems 	Maxicard MC Terminal markers
Maxicard MC Cable and wire markers 	Maxicard MC Device and installation markers 	CONTA-BOX Plastic and aluminum housing 	Cable glands and accessories 	CONTA-TOOL Tools 	Ferrules
CONTA-ELECTRONICS DC power supplies 	Overvoltage protection 	Functional relays 	Relay systems 	Opto-couplers Solid-state modules 	Fuse modules, Component modules, Diode modules and Display modules
Interface modules 	Converter units 	Locking-base system 	CONTA-CON PCB connectors 	Pluggable PCB connectors 	

FAX +49 (0) 52 57. 98 33-33

Literature request

CONTA-CONNECT (Connection systems)

- SRK|SSL** Screw connection system **NEW**
- RK|SL** Screw connection system
- FRK|FSL** Pressure-spring connection system
- ZRK|ZSL** Tension-spring system

Special terminals | Special topics

- High-power stud terminals
- Transformer terminals
- EX terminal blocks with ATEX certification
- Screw-type distribution blocks
- Pluggable connection system
- Junction box connectors
- European terminals
- Ceramic terminals

CONTA-LABEL (Printing | Labeling)

- Terminal markers
- Cable and wire markers
- Device and installation markers
- Labeling systems

CONTA-BOX (Housing systems)

- Polystyrol housing
- Polycarbonat housing
- Polyester housing
- Polycarbonat housing | ABS housing
- Aluminum housing
- Cable glands and accessories

CONTA-TOOL (Tools)

- Diagonal cutter
- Cable cutter
- Crimping and stripping tool
- Crimping tool
- Screwdrivers
- Ferrules
- Crimped cable lugs

CONTA-ELECTRONICS (Elektronics)

- DC power supplies
- Overvoltage protection
- Functional relays
- Relay systems
- Opto-couplers | Solid-state modules
- Fuse modules, component modules, diode modules and display modules
- Interface modules
- Converter units
- Locking-base system

CONTA-CON (PCB connectors)

- PCB connectors
- Pluggable PCB connectors

Company

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Check here to get more information about new product announcements.



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