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RX 9360.220

RiLineX connection adaptor

State: 23/11/2026 (Source: www.rittal.com/uk-en)

RX 9360.220 - RiLineX connection adaptor

RiLineX connection adaptor for 60 mm busbar systems. The adaptor boasts an impressive compact design and simple conductor connection. Dismantling requires the use of tools. Conductors may be connected either from above or below. The connection clamps support through-wiring. Mounted by simply snapping onto the RiLineX board. The supply leads and adaptors are screw-fastened onto the board together. The connection adaptor features a high current-carrying capacity plus high levels of short-circuit protection and universal contact hazard protection that adapts to the relevant wire gauge. The device has a screw fastening, and is suitable for bar widths of between 5 and 10 mm.







Features

Model No.	RX 9360.220
Benefits	Mounting on the busbar system and cable connection with just one screw
Material	Polyamide (PA 6) Fire protection corresponding to UL 94
Colour	RAL 9005
Rated current (guideline value, IEC)	278 A
Max. rated current of round conductor (IEC)	450 A
Max. rated current of round conductors (UL)	400 A
Max. rated current of laminated copper bar (IEC)	450 A

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Features

Max. rated current of laminated copper bar (UL)	400 A
Note	The specified rated current as a guideline value is based on the recommended maximum operating current for single-wire cables with an admissible conductor temperature of 70 °C to IEC 61439-1, Table H.1 when laid horizontally in free air, at an ambient temperature of 55 °C. The specified max. rated current (IEC) describes the recommended max. operating current of the terminal connection with a temperature rise limit of 70K to IEC 61439-1 (Table 6) for conductors laid in free air with clearance. Please note the maximum admissible insulation temperature.
Electrical ratings UL (SCCR)	27,5 kA - 600 V, RMS, unprotected 100 kA - 600 V, circuit breaker max. 600 A, DIVQ/7
Cable outlet	Top/bottom
For bar systems with centre-to-centre spacing	60 mm
Number of poles	3-pole
To fit busbar system	RiLineX RiLine60
Dimensions	Width: 90.5 mm Height: 239.4 mm Depth: 94.6 mm
Connection of round conductors	10 - 150 mm²
Clamping area for laminated copper bars with 5 mm bar thickness (W x H)	20 mm
Clamping area for laminated copper bars with 10 mm bar thickness (W x H)	20 mm
To fit busbars	12 x 5/10 15 x 5/10 20 x 5/10 30 x 5/10

Features

Rated voltage	1,000 V AC 1,500 V DC 600 V AC (UL) 600 V DC (UL)
Contamination level	3
Standards	IEC/EN 61439-1 UL 508
Rated impulse withstand voltage Uimp	12 kV
Rated insulation voltage Ui	1,000 V
Heat loss max.	19 W
IP protection category to IEC 60 529	IP 2X
Maximum operating air humidity	90 %
Operating temperature range	-5 °C...55 °C
Storage temperature range	-25 °C...75 °C
Ambient humidity (non-condensing)	10...90 %
Fire load	9.69 MJ/m²
Packs of	1 pc(s).
Net weight	0.7 kg
Gross weight	0.815 kg
PCF per pack (cradle-to-gate)	3.87
Customs tariff number	85369010
ETIM 9	EC001531

Features

Product description	RiLineX connection adaptor for 60 mm busbar systems. The adaptor boasts an impressive compact design and simple conductor connection. Dismantling requires the use of tools. Conductors may be connected either from above or below. The connection clamps support through-wiring. Mounted by simply snapping onto the RiLineX board. The supply leads and adaptors are screw-fastened onto the board together. The connection adaptor features a high current-carrying capacity plus high levels of short-circuit protection and universal contact hazard protection that adapts to the relevant wire gauge. The device has a screw fastening, and is suitable for bar widths of between 5 and 10 mm.

Approvals

Approvals	UL + C-UL (listed)
Explanations	Declaration of conformity PCF-declaration

Tender text

RiLineX connection adaptor (450 A)

RiLineX connection adaptor for 60 mm
busbar systems. The device has screw fastening
for simultaneous contact between the rail and conductor
and adjustment for the busbar thickness.
For voltages up to 1000 V AC and 1500 V DC.
IEC and UL approved.
Product information
Number of poles: 3
Busbar dimensions: 15/20/30 mm x 5/10 mm
Rated current max.: 450 A
Connection: max. 150 mm²
Cable outlet: oben/unten
Dimensions: 90 mm x 240 mm x 95 mm (WxHxD)

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Manufacturer: Rittal GmbH & Co. KG
Type: 9360220