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RX 9360.210

RiLineX connection adaptor

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FRIEDHELM LOH GROUP



RX 9360.210 - 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 9360.210
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 (reference value, IEC)	171 A
Rated current of round conductor max.(IEC)	320 A
Rated current of round conductor max. (UL)	280 A

Features

Note	<p>The specified rated current, given as a reference value, is based on the recommended maximum operating current for single-core cable with a permissible conductor temperature of 70 °C in accordance with IEC 61439-1, Table H.1, installation spaced horizontally in free air at an ambient temperature of 55 °C.</p> <p>The specified rated current max. (IEC) describes the recommended maximum operating current of the terminal connection with a temperature rise limit of 70 K in accordance with IEC 61439-1 (Table 6) for conductors spaced free in air. The permissible insulation temperature must be observed.</p>
Electrical ratings UL (SCCR)	10 kA - 600 V, RMS, unprotected 100 kA - 600 V, circuit breaker max. 250 A, DIVQ/7 100 kA - 600 V, Fuse Class J max. 200 A, JDDZ/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: 63.2 mm Height: 239.4 mm Depth: 79.2 mm
Connection of round conductors	2.5 - 70 mm ²
To fit busbars	12 x 5/10 15 x 5/10 20 x 5/10 30 x 5/10
Rated voltage	800 V AC 800 V DC 600 V AC (UL) 600 V DC (UL)
Contamination level	3
Standards	IEC/EN 61439-1 UL 508

Features

Rated impulse withstand voltage Uimp	8 kV
Rated insulation voltage Ui	800 V
Heat loss max.	14 W
IP protection category to IEC 60529	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 %
Packs of	4 pc(s).
Net weight	1,776 kg
Gross weight	1,925 kg
PCF per pack (cradle-to-gate)	9.86
Customs tariff number	85369010
ETIM 9	EC001531
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

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

Tender text

RiLineX connection adaptor (320 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 800 V AC and 800 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.: 320 A

Connection: max. 70 mm²

Cable outlet: oben/unten

Dimensions: 63 mm x 240 mm x 80 mm (WxHxD)

Manufacturer: Rittal GmbH & Co. KG

Type: 9360210