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RX 9360.241

RiLineX connection adaptor

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FRIEDHELM LOH GROUP



RX 9360.241 - RiLineX connection adaptor

RiLineX connection adaptor for side infeed from the left or right. For use with vertical mounting of the board or as a corner connector using laminated connection straps. It is also ideal as a T-connection between horizontal and vertical systems. It must not be used with other busbar systems such as RiLine60.



Features

Model No.	RX 9360.241
Benefits	Mounting on the busbar system and cable connection with just one screw Vertical variant for side infeed to the board
Material	Polyamide (PA 6) Fire protection corresponding to UL 94
Colour	RAL 35745
Rated current (reference value, IEC)	432 A
Rated current of round conductor max.(IEC)	710 A
Rated current of round conductor max. (UL)	630 A
Rated current of laminated copper bar max. (IEC)	950 A

Features

Rated current of laminated copper bar max. (UL)	910 A
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)	<p>27,5 kA - 600 V, RMS, unprotected</p> <p>100 kA - 480 V, circuit breaker max. 800 A, DIVQ/7</p> <p>100 kA - 600 V, Fuse Class L max. 1200 A, JDDZ/7</p>
Cable outlet	In an axial direction to the board
For bar systems with centre-to-centre spacing	60 mm
Number of poles	3-pole
To fit busbar system	RiLineX RiLine60
Dimensions	<p>Width: 57.8 mm</p> <p>Height: 239.4 mm</p> <p>Depth: 135.6 mm</p>
Connection of round conductors	150 - 300 mm ²
Clamping area for laminated copper bars (W x H)	32 x 20 mm
To fit busbars	<p>15 x 5/10</p> <p>20 x 5/10</p> <p>30 x 5/10</p>
Rated voltage	<p>1000 V AC</p> <p>1500 V DC</p> <p>600 V AC (UL)</p> <p>600 V DC (UL)</p>
Contamination level	3

Features

Standards	IEC/EN 61439-1 UL 508
Rated impulse withstand voltage U _{imp}	12 kV
Rated insulation voltage U _i	1000 V
Heat loss max.	50 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 %
Packs of	1 pc(s).
Net weight	1 kg
Gross weight	1,185 kg
PCF per pack (cradle-to-gate)	5.51
Customs tariff number	85369010
ETIM 9	EC001531
Product description	RiLineX connection adaptor for side infeed from the left or right. For use with vertical mounting of the board or as a corner connector using laminated connection straps. It is also ideal as a T-connection between horizontal and vertical systems. It must not be used with other busbar systems such as RiLine60.

Approvals

Approvals	UL + C-UL (listed)
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Approvals

Explanations

Declaration of conformity
PCF-declaration

Tender text

RiLineX connection adaptor (710 A)

RiLineX connection adaptor for 60 mm busbar systems. The device has screw fastening for simultaneous contact between the rail and conductor. 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.: 710 A

Connection: max. 300 mm²

Cable outlet: horizontal/vertikal

Dimensions: 60 mm x 240 mm x 130 mm (WxHxD)

Manufacturer: Rittal GmbH & Co. KG

Type: 9360241