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RX 9361.315

RiLineX connection adaptor

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RX 9361.315 - RiLineX connection adaptor

RiLineX connection adaptor for 60 mm busbar systems. The connection adaptor is single-pole and fits a double connection (round/sector-shaped conductor). The phase spacing is freely selectable. The unit is suitable for use with L1/L2/L3/N. The adaptor boasts an impressive compact design. Dismantling requires the use of tools. Conductors may be connected either from above or below. The connection clamps support full through-wiring. Mounted by simply snapping onto the RiLineX board. The adaptor is readily installed on RiLine60. It offers high levels of short-circuit protection and easy-to-fit contact hazard protection.



Features

Model No.	RX 9361.315
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)	864 A
Max. rated current of round conductor (IEC)	1.060 A
Max. rated current of round conductors (UL)	980 A

Features

Note	<p>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.</p> <p>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.</p>
Electrical ratings UL (SCCR)	<p>27,5 kA - 600 V, RMS, unprotected</p> <p>100 kA - 600 V, circuit breaker max. 600 A, DIVQ/7</p> <p>100 kA - 600 V, Fuse Class L max. 2000 A, JDDZ/7</p>
Cable outlet	Top/bottom
For bar systems with centre-to-centre spacing	60 mm
Number of poles	Single-pole
To fit busbar system	<p>RiLineX</p> <p>RiLine60</p>
Dimensions	<p>Width: 54.1 mm</p> <p>Height: 119.4 mm</p> <p>Depth: 163.4 mm</p>
Connection of round conductors	95 - 300 mm ²
To fit busbars	<p>15 x 10</p> <p>20 x 10</p> <p>30 x 10</p>
Rated voltage	<p>1.000 V AC</p> <p>1.500 V DC</p> <p>600 V AC (UL)</p> <p>600 V DC (UL)</p>
Contamination level	3
Standards	<p>IEC/EN 61439-1</p> <p>UL 508</p>
Rated impulse withstand voltage Uimp	12 kV

Features

Rated insulation voltage Ui	1.000 V
Heat loss max.	105 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 %
Number of connections	2
Fire load	5,947 MJ/m ²
Packs of	1 pc(s).
Net weight	0,8 kg
Gross weight	0,892 kg
PCF per pack (cradle-to-gate)	4.47
Customs tariff number	85369010
ETIM 9	EC001531
Product description	RiLineX connection adaptor for 60 mm busbar systems. The connection adaptor is single-pole and fits a double connection (round/sector-shaped conductor). The phase spacing is freely selectable. The unit is suitable for use with L1/L2/L3/N. The adaptor boasts an impressive compact design. Dismantling requires the use of tools. Conductors may be connected either from above or below. The connection clamps support full through-wiring. Mounted by simply snapping onto the RiLineX board. The adaptor is readily installed on RiLine60. It offers high levels of short-circuit protection and easy-to-fit contact hazard protection.

Approvals

Approvals

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

Tender text

RiLineX connection adaptor (1060 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: 1

Busbar dimensions: 15/20/30 mm x 10 mm

Schienendicke: 10 mm

Rated current max.: 1060 A

Connection: max. 300 mm²

Cable outlet: oben/unten

Dimensions: 54 mm x 120 mm x 165 mm (WxHxD)

Manufacturer: Rittal GmbH & Co. KG

Type: 9361315