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## RX 9360.240

## RiLineX connection adaptor

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# RX 9360.240 - RiLineX connection adaptor

RiLineX connection adaptor for 60 mm busbar systems. The adaptor boasts an impressive compact design. Dismantling requires the use of tools. Conductors may be connected either from above or below. Inserting the connecting conductors couldn't be simpler, thanks to the dividable connection clamp. The adaptor may also be used for flat copper bars. 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. The device has a screw fastening for simultaneous contacting of the bar and conductor and for adjusting the busbar thickness (5/10 mm).



## Features

Model No.	RX 9360.240
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)	432 A
Rated current of round conductor max.(IEC)	680 A
Rated current of round conductor max. (UL)	640 A
Rated current of laminated copper bar max. (IEC)	870 A
Rated current of laminated copper bar max. (UL)	840 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)	<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. 1600 A, JDDZ/7</p>
Cable outlet	Top/bottom
For bar systems with centre-to-centre spacing	60 mm
Number of poles	3-pole
To fit busbar system	<p>RiLineX</p> <p>RiLine60</p>
Dimensions	<p>Width: 145 mm</p> <p>Height: 239.4 mm</p> <p>Depth: 104.6 mm</p>
Connection of round conductors	95 - 300 mm <sup>2</sup>
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>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>

# Features

Rated impulse withstand voltage Uimp	12 kV
Rated insulation voltage Ui	1,000 V
Heat loss max.	28 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	1 pc(s).
Net weight	1.8 kg
Gross weight	1.849 kg
PCF per pack (cradle-to-gate)	10.57
Customs tariff number	85369010
ETIM 9	EC001531
Product description	RiLineX connection adaptor for 60 mm busbar systems. The adaptor boasts an impressive compact design. Dismantling is only possible with the use of tools. Conductors may be connected either from above or below. Inserting the connecting conductors couldn't be simpler, thanks to the dividable connection clamp. The adaptor may also be used for flat copper bars. 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. The device has a screw fastening for simultaneous contacting of the bar and conductor and for adjusting the busbar thickness (5/10 mm).

# Approvals

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

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## Tender text

RiLineX connection adaptor (680 A)

RiLineX connection adaptor for 60 mm busbar systems. The device has 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.: 680 A

Connection: max. 300 mm<sup>2</sup>

Cable outlet: oben/unten

Dimensions: 145 mm x 240 mm x 105 mm (WxHxD)

Manufacturer: Rittal GmbH & Co. KG

Type: 9360240