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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 (max.)	432 A
Rated current max.	680 A
Rated current of round conductor	680 A
Rated current of round conductor (UL)	640 A
Rated current of laminated copper bar	870 A
Rated current of laminated copper bar (UL)	840 A

# Features

Electrical ratings UL (SCCR)	27,5 kA - 600 V, RMS, unprotected 100 kA - 600 V, circuit breaker max. 600 A, DIVQ/7 100 kA - 600 V, Fuse Class L max. 1600 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: 145 mm Height: 239.4 mm Depth: 104.6 mm
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	15 x 5/10 20 x 5/10 30 x 5/10
Rated voltage	1,000 V AC 1,500 V DC 600 V AC (UL) 600 V DC (UL)
Overvoltage category	4
Contamination level	3
Standards	IEC/EN 61439-1 UL 508
Rated impulse withstand voltage U <sub>imp</sub>	12 kV
Rated insulation voltage U <sub>i</sub>	1,000 V
Heat loss max.	28 W
IP protection category to IEC 60529	IP 2XB

# Features

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	<p>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).</p>

# Approvals

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

# 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