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## RX 9360.241

## RiLineX connection adapter

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# RX 9360.241 - RiLineX connection adapter

Connection adapter RiLineX busbar platform. Ideal for T-connection of horizontal and vertical systems. Convertible for infeed from left or right.



## Features

Model No.	RX 9360.241
Benefits	Mounting on the busbar system and cable connection with just one screw Vertical version for feeding the board from the side
Material	Polyamide (PA 6) Fire behavior corresponding to UL 94
Color	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
Rated current of laminated copper bar max. (UL)	910 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 UL ratings (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	Axial to the board
For bar systems with center-to-center spacing	60 mm
Number of poles	3-pole
Suitable for busbar system	<p>RiLineX</p> <p>RiLine60</p>
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 <sup>2</sup>
Clamping area for laminated copper bars (W x H)	32 x 20 mm
Suitable for 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 U <sub>Imp</sub>	12 kV
Rated insulation voltage U <sub>i</sub>	1,000 V
Power loss max.	50 W
Protection category IP 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 %
Packaging unit	1 pc(s).
Net weight	1 kg
Gross weight	1.185 kg
PCF/VE (cradle-to-gate)	5.51
Customs tariff number	85369010
ETIM 9	EC001531
Product description	RX connection adapter 3-pole, WH: 60x240 mm, conductor connection max. 300 mm <sup>2</sup> , clamping area WH: 32x20 mm

# Approvals

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