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RX 9360.241

RiLineX connection adapter

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ENCLOSURES

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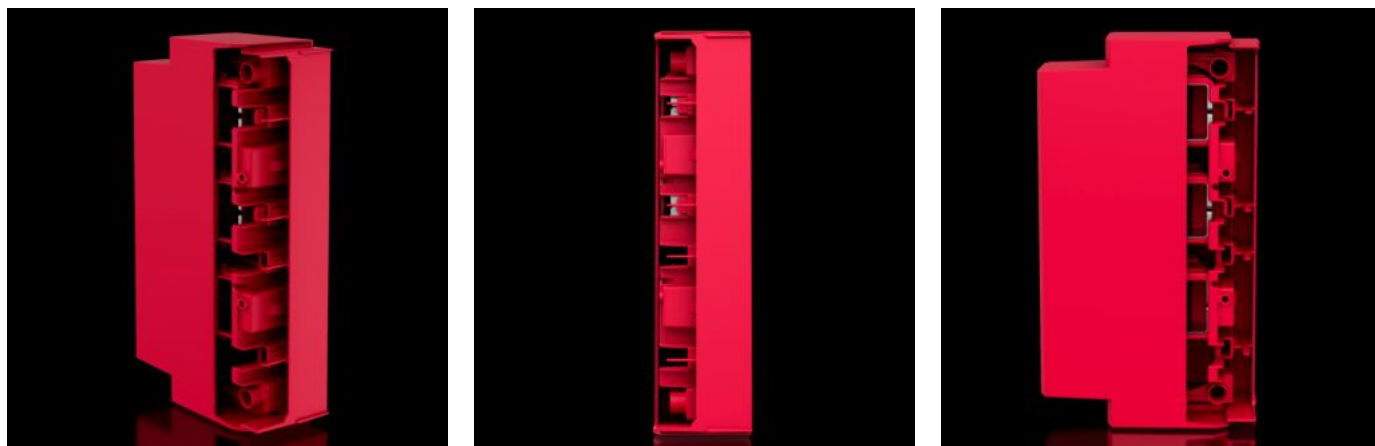
SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



RX 9360.241 - RiLineX connection adapter

RiLineX connection adapter 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 version for feeding the board from the side
Material	Polyamide (PA 6) Fire behavior corresponding to UL 94
Color	RAL 35745
Rated current (guideline value, IEC)	432 A
Max. rated current of round conductor (IEC)	710 A
Max. rated current of round conductors (UL)	630 A
Max. rated current of laminated copper bar (IEC)	950 A
Max. rated current of laminated copper bar (UL)	910 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 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> <p>Width: 2.28 "</p> <p>Height: 9.43 "</p> <p>Depth: 5.34 "</p>
Connection of round conductors	150 - 300 mm ²
Clamping area for laminated copper bars (W x H)	<p>32 x 20 mm</p> <p>1.26 x 0.79 "</p>
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>

Features

Contamination level	3
Standards	IEC/EN 61439-1 UL 508
Rated impulse withstand voltage U _{Imp}	12 kV
Rated insulation voltage U _i	1,000 V
Power loss max.	50 W 171 BTU/h
Protection category IP to IEC 60 529	IP 2X
Maximum operating air humidity	90 %
Operating temperature range	-5 °C...55 °C 23 °F...131 °F
Storage temperature range	-25 °C...75 °C -13 °F...167 °F
Ambient humidity (non- condensing)	10...90 %
Fire load	10.554 MJ/m ²
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	RiLineX connection adapter 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)
Explanations	Declaration of conformity PCF-declaration
