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RX 9360.241

RiLineX connection adapter

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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 (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

Features

Rated current of laminated copper bar max. (UL)	910 A
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	RiLineX RiLine60
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>

Features

Rated voltage	1,000 V AC 1,500 V DC 600 V AC (UL) 600 V DC (UL)
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

Features

Product description

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Approvals

Approvals

UL + C-UL (listed)

Explanations

Declaration of conformity
PCF-declaration