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RX 9360.210

RiLineX connection adapter

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FRIEDHELM LOH GROUP



RX 9360.210 - RiLineX connection adapter

RiLineX connection adapter for 60 mm busbar systems. The adapter boasts an impressive compact design and simple conductor connection. Dismantling requires the use of tools. Conductors may be connected either from above or below. The terminals support through-wiring. Mounted by simply snapping onto the RiLineX board. The supply leads and adapters are screw-fastened onto the board together. The distinguishing features of the connection adapter include a high current-carrying capacity and high short-circuit resistance, plus universal contact hazard protection which adapts to the relevant wire gauge. The device has a screw fastening, and is suitable for bar widths of between 5 and 10 mm.



Features

Model No.	RX 9360.210
Benefits	Mounting on the busbar system and cable connection with just one screw
Material	Polyamide (PA 6) Fire behavior corresponding to UL 94
Color	RAL 9005
Rated current (reference value, IEC)	171 A
Rated current of round conductor max.(IEC)	320 A
Rated current of round conductor max. (UL)	280 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>10 kA - 600 V, RMS, unprotected</p> <p>100 kA - 600 V, circuit breaker max. 250 A, DIVQ/7</p> <p>100 kA - 600 V, fuse class J max. 200 A, JDDZ/7</p>
Cable outlet	Top/bottom
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: 63.2 mm</p> <p>Height: 239.4 mm</p> <p>Depth: 79.2 mm</p> <p>Width: 2.49 "</p> <p>Height: 9.43 "</p> <p>Depth: 3.12 "</p>
Connection of round conductors	2.5 - 70 mm ²
Suitable for busbars	<p>12 x 5/10</p> <p>15 x 5/10</p> <p>20 x 5/10</p> <p>30 x 5/10</p>
Rated voltage	<p>800 V AC</p> <p>800 V DC</p> <p>600 V AC (UL)</p> <p>600 V DC (UL)</p>
Contamination level	3

Features

Standards	IEC/EN 61439-1 UL 508
Rated impulse withstand voltage U _{Imp}	8 kV
Rated insulation voltage U _i	800 V
Power loss max.	14 W 48 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	6.963 MJ/m ²
Packaging unit	4 pc(s).
Net weight	1.776 kg
Gross weight	1.925 kg
PCF/VE (cradle-to-gate)	9.86
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