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RX 9360.220

RiLineX connection adapter

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RX 9360.220 - 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 gage. The device has a screw fastening, and is suitable for bar widths of between 5 and 10 mm.







Features

Model No.	RX 9360.220
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 (guideline value, IEC)	278 A
Max. rated current of round conductors (IEC)	450 A
Max. rated current of round conductors (UL)	400 A
Max. rated current of laminated copper bar (IEC)	450 A

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Features

Max. rated current of laminated copper bar (UL)	400 A
Note	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. 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.
Electrical UL ratings (SCCR)	27.5 kA - 600 V, RMS, unprotected 100 kA - 600 V, circuit breaker max. 600 A, DIVQ/7 100 kA - 600 V, 600 A, Class J, JDDZ/7
Cable outlet	Top/bottom
For bar systems with center-to-center spacing	60 mm
Number of poles	3-pole
Suitable for busbar system	RiLineX RiLine60
Dimensions	Width: 90.5 mm Height: 239.4 mm Depth: 94.6 mm Width: 3.56 ″ Height: 9.43 ″ Depth: 3.72 ″
Connection of round conductors	10 - 150 mm²
Clamping area for laminated copper bars for 5 mm bar thickness, (W x H)	20 mm 0.79 ″
Clamping area for laminated copper bars for 10 mm bar thickness, (W x H)	20 mm 0.79 ″

Features

Suitable for busbars	12 x 5/10 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)
Contamination level	3
Standards	IEC/EN 61439-1 UL 508
Rated impulse withstand voltage UImp	12 kV
Rated insulation voltage Ui	1,000 V
Power loss max.	19 W 65 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	9.69 MJ/m²
Packaging unit	1 pc(s).
Net weight	0.7 kg
Gross weight	0.815 kg
PCF/VE (cradle-to-gate)	3.87
Customs tariff number	85369010

Features

ETIM 9	EC001531
Product description	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 gage. The device has a screw fastening, and is suitable for bar widths of between 5 and 10 mm.

Approvals

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