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RX 9360.120 RiLineX basic module

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FRIEDHELM LOH GROUP



RX 9360.120 - RiLineX basic module

RiLineX basic module, 3-pole, width 200 mm, with integrated busbar support suitable for top mounting, for the modular RiLineX board. Supports the integration of flat bars from 15x5 mm to 30x10 mm. End-to-end contact hazard protection up to IP 2XB, upgradable to IP 3X. The basic module comprises a base section including busbar support and a top section for contact hazard protection. When compiling a complete solution from basic modules, end modules are additionally required.



Features

Model No.	RX 9360.120
Benefits	Scalable system lengths with basic modules Easy mounting Scalable rated currents due to variable busbar cross-sections Tested short circuit resistance up to max. 65 kA Suitable for applications in the alternating current range up to 1,000 V AC and direct current up to 1,500 V DC Contact hazard protection up to IP 2XB, can be upgraded to IP 3X Tested and certified according to IEC and UL Simple expansion and field alignment
Material	Polyamide (PA 6) Fire behavior corresponding to UL 94
Color	RAL 35745 RAL 9005
Supply includes	Base module lower part Base module (contact hazard protection cover) Assembly screws

Features

Protection category IP to IEC 60529	IP 2XB
Standards	IEC/EN 61439-1 UL 508
Rated current max.	800 A
Note	Busbars are not included with the supply
Electrical UL ratings (SCCR)	65 kA - 600 V, RMS, unprotected 100 kA - 600 V, fuse class L max. 1600 A, JDDZ/7 100 kA - 480 V, circuit breaker max. 800 A, DIVQ/7 65 kA - 600 V, circuit breaker max. 800 A, DIVQ/7
Center-to-center spacing of busbars	60 mm
Rated impulse withstand voltage U _{Imp}	12 kV
Rated voltage	1,000 V AC 600 V AC (UL) 1,500 V DC 600 V DC (UL)
Rated insulation voltage U _i	1,000 V AC 1,500 V DC
Rated short-time withstand current/t	65 kA/500 ms
Overvoltage category	4
Contamination level	3
Number of poles	3-pole
Fundamental frequency	50...60 Hz
Ambient humidity (non-condensing)	10...90 %
Suitable for busbars	15 x 5/10 20 x 5/10 30 x 5/10
Operating temperature range	-5 °C...55 °C

Features

Storage temperature range	-25 °C...75 °C
Dimensions	Width: 200 mm Height: 246 mm Depth: 49.2 mm
Packaging unit	6 pc(s).
Net weight	5.16 kg
Gross weight	5.547 kg
Customs tariff number	85369010
ETIM 9	EC001900
Product description	RX RiLineX basic module, 3-pole, L=200 mm

Approvals

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