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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	<ul style="list-style-type: none">Scalable system lengths with basic modulesEasy mountingScalable rated currents due to variable busbar cross-sectionsTested short circuit resistance up to max. 65 kASuitable for applications in the alternating current range up to 1,000 V AC and direct current up to 1,500 V DCContact hazard protection up to IP 2XB, can be upgraded to IP 3XTested and certified according to IEC and ULSimple expansion and field alignment
Material	<ul style="list-style-type: none">Polyamide (PA 6)Fire behavior corresponding to UL 94
Color	<ul style="list-style-type: none">RAL 35745RAL 9005
Supply includes	<ul style="list-style-type: none">Base module lower partBase 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

Features

Operating temperature range	-5 °C...55 °C 23 °F...131 °F
Storage temperature range	-25 °C...75 °C -13 °F...167 °F
Dimensions	Width: 200 mm Height: 246 mm Depth: 49.2 mm Width: 7.87 " Height: 9.69 " Depth: 1.94 "
Fire load	20.633 MJ/m ²
Packaging unit	6 pc(s).
Net weight	5.16 kg
Gross weight	5.547 kg
PCF/VE (cradle-to-gate)	33.09
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
