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## RX 9360.110 RiLineX basic module

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FRIEDHELM LOH GROUP



# RX 9360.110 - RiLineX basic module

RiLineX basic module, 3-pole, width 100 mm, with integrated busbar support suitable for top mounting, for the modular RiLineX board. Supports the integration of flat bars from 15 x 5 mm to 30 x 10 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 9360.110  |
| Benefits        | Scalable system lengths with basic modules<br>Simple assembly<br>Scalable rated currents thanks to variable busbar cross-sections<br>Tested short-circuit resistance up to 65 kA<br>Suitable for applications up to 1000 V AC and up to 1500 V DC<br>Extensive range of system accessories<br>Contact hazard protection up to IP 2XB, upgradable to IP 3X<br>Tested and certified to IEC and UL<br>Simple extension and baying |
| Material        | Polyamide (PA 6)<br>Fire protection corresponding to UL 94   |
| Colour          | RAL 35745<br>RAL 9005  |
| Supply includes | Basic module base section<br>Basic module (contact hazard protection cover)<br>Assembly screws   |

# Features

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| IP protection category to IEC 60529              | IP 2XB   |
| Standards  | IEC/EN 61439-1<br>UL 508   |
| Rated current max.                               | 800 A  |
| Note   | Busbars are not included with the supply   |
| Electrical ratings UL (SCCR)                     | 65 kA - 600 V, RMS, unprotected<br>100 kA - 600 V, Fuse Class L max. 1600 A, JDDZ/7<br>100 kA - 480 V, circuit breaker max. 800 A, DIVQ/7<br>65 kA - 600 V, circuit breaker max. 800 A, DIVQ/7 |
| Centre-to-centre spacing of busbars              | 60 mm  |
| Rated impulse withstand voltage U <sub>imp</sub> | 12 kV  |
| Rated voltage                                    | 1,000 V AC<br>600 V AC (UL)<br>1,500 V DC<br>600 V DC (UL)   |
| Rated insulation voltage U <sub>i</sub>          | 1,000 V AC<br>1,500 V DC   |
| Rated short-term 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 %  |
| To fit busbars                                   | 15 x 5/10<br>20 x 5/10<br>30 x 5/10  |
| Operating temperature range                      | -5 °C...55 °C  |

# Features

|                               |  |
|-------------------------------|--|
| Storage temperature range     | -25 °C...75 °C   |
| Dimensions                    | Width: 100 mm<br>Height: 246 mm<br>Depth: 49.2 mm  |
| Packs of                      | 6 pc(s).   |
| Net weight                    | 3 kg   |
| Gross weight                  | 3.292 kg   |
| PCF per pack (cradle-to-gate) | 19.31  |
| Customs tariff number         | 85369010   |
| ETIM 9                        | EC001900   |
| Product description           | <p>RiLineX basic module, 3-pole, width 100 mm, with integrated busbar support suitable for top mounting, for the modular RiLineX board. Supports the integration of flat bars from 15 x 5 mm to 30 x 10 mm. The RiLineX 60 mm modular board is comprised of one or more basic modules, end modules, baying sets and busbars. The modular design of this system offers maximum flexibility and may be individually adapted. Configurations up to a maximum system length of 2400 mm are supported. No tools are required for assembly. Cable routing (e.g. of control lines) can also be implemented in the rear section of the board, for added flexibility with system assembly. Comprehensive digital product data means significant time savings with planning and documentation. The board is IEC 61439 and UL 508-approved and may be mounted horizontally, vertically and overhead. What's more, the system is easily extendible. It is suitable for AC applications up to 1000 V AC and DC applications up to 1500 V DC, offering a versatile solution for a wide range of application areas. There are no busbars included with the scope of supply. The end modules, baying sets and baying connectors may be purchased separately.</p> |

# Approvals

|           |                    |
|-----------|--------------------|
| Approvals | UL + C-UL (listed) |
|-----------|--------------------|

# Approvals

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Explanations

Declaration of conformity  
PCF-declaration

## Tender text

### RiLineX Basismodul

RiLineX basic module for building individually configurable RiLineX boards.

End-to-end contact hazard protection up to IP 2XB, upgradable to IP 3X.

Suitable for mounting horizontally, vertically and above head height.

Supports cable routing in the rear section.

For voltages up to 1000 V AC and 1500 V DC.

Tested short-circuit resistance up to 65 kA.

IEC and UL approved.

Product information

Number of poles: 3

Busbar dimensions: 15/20/30 mm x 5/10 mm

Rated current max.: 800 A

Dimensions: 100 mm x 246 mm x 49,2 mm (WxHxD)

Manufacturer: Rittal GmbH & Co. KG

Type: 9360110