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RX 9360.084 RiLineX board

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ENCLOSURES

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



RX 9360.084 - RiLineX board

RiLineX complete board, 3-pole, 550 A including busbars 30x5 mm. Length 705 mm for 800 mm wide enclosures. End-to-end contact hazard protection up to IP 2XB, upgradable to IP 3X. Suitable for mounting horizontally, vertically and above head height. For voltages up to 1000 V AC and 1500 V DC. Tested short-circuit resistance up to 45 kA. Supports cable routing in the rear section. IEC and UL approved.



Features

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| Model No. | RX 9360.084 |
| Benefits | Time savings thanks to fully digital product data Reduced assembly time thanks to pre-assembled complete board Suitable for applications up to 1000 V AC and up to 1500 V DC Tested short-circuit resistance up to 65 kA Contact hazard protection up to IP 2XB, upgradable to IP 3X Tested and certified to IEC and UL Simple extension and buying |
| Material | Polyamide (PA 6) Fire protection corresponding to UL 94 E-Cu |
| Colour | RAL 35745 RAL 9005 |
| Supply includes | Integral busbars |
| IP protection category to IEC 60529 | IP 2XB |

Features

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| Standards | IEC 61 439-1/-2 UL 508 |
| Rated current max. | 550 A |
| Rated current (UL) | 540 A |
| Electrical ratings UL (SCCR) | 45 kA - 600 V, RMS, unprotected 100 kA - 600 V, Fuse Class L max. 1600 A, JDDZ/7 100 kA - 600 V, circuit breaker max. 600 A, DIVQ/7 100 kA - 480 V, circuit breaker max. 800 A, DIVQ/7 65 kA - 600 V, circuit breaker max. 800 A, DIVQ/7 |
| Centre-to-centre spacing of busbars | 60 mm |
| Rated impulse withstand voltage Uimp | 12 kV |
| Rated voltage | 1.000 V AC 1.500 V DC 600 V AC (UL) 600 V DC (UL) |
| Rated insulation voltage Ui | 1.000 V AC 1.500 V DC |
| Rated impulse withstand current | 115,5 kA 94,5 kA (UL) |
| Rated short-term withstand current/t | 45 kA/500 ms |
| Overvoltage category | 4 |
| Contamination level | 3 |
| Busbar dimensions | 30 mm x 5 mm |
| Number of poles | 3-pole |
| Fundamental frequency | 50...60 Hz |
| Ambient humidity (non-condensing) | 10...90 % |
| Operating temperature range | -5 °C...55 °C |
| Storage temperature range | -25 °C...75 °C |

Features

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| Dimensions | Width: 705 mm Height: 246 mm Depth: 49.2 mm |
| Fire load | 74,304 MJ/m ² |
| Packs of | 1 pc(s). |
| Net weight | 6,2 kg |
| Gross weight | 6,616 kg |
| Copper weight (kg per piece) | 2,805 |
| PCF per pack (cradle-to-gate) | 39.79 |
| Customs tariff number | 85369010 |
| ETIM 9 | EC001900 |
| Product description | RiLineX complete board, 3-pole, 550 A including busbars 30 x 5 mm. Length 705 mm for 800 mm wide enclosures. Simple, fast baying of multiple boards using RiLineX baying connectors, without reducing short-circuit protection. 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 achieves 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. The supply includes a preconfigured board and busbars. |

Approvals

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

Tender text

RiLineX Board

Complete board incl. busbars.

Board length tailored to Rittal enclosure widths.

End-to-end contact hazard protection up to IP 2XB
upgradable to IP 3X with cover strips (9365.020).

Suitable for mounting horizontally, vertically and above
head height.

Supports cable routing in the rear section. Baying of boards
between enclosures with baying set for board (9360.000).

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

Tested short-circuit resistance up to 45 kA.

IEC and UL approved.

Product information

Number of poles: 3

Busbar dimensions: 30 mm x 5 mm

Rated current max.: 550 A

Dimensions: 705 mm x 246 mm x 49,2 mm (WxHxD)

Suitable for width: 800 mm

Manufacturer: Rittal GmbH & Co. KG

Type: 9360084