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## RX 9360.230

## RiLineX connection adaptor

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# RX 9360.230 - RiLineX connection adaptor

RiLineX connection adaptor for 60 mm busbar systems. The adaptor 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 connection clamps support through-wiring. Mounted by simply snapping onto the RiLineX board. The supply leads and adaptors are screw-fastened onto the board together. The connection adaptor features a high current-carrying capacity plus high levels of short-circuit protection and universal contact hazard protection that adapts to the relevant wire gauge. The device has a screw fastening, and is suitable for bar widths of between 5 and 10 mm.



## Features

|                                       |  |
|---------------------------------------|--|
| Model No.                             | RX 9360.230  |
| Benefits                              | Mounting on the busbar system and cable connection with just one screw |
| Material                              | Polyamide (PA 6)<br>Fire protection corresponding to UL 94             |
| Colour                                | RAL 9005   |
| Rated current (max.)                  | 375 A  |
| Rated current max.                    | 630 A  |
| Rated current of round conductor      | 630 A  |
| Rated current of round conductor (UL) | 600 A  |

# Features

|  |   |
|--|---|
| Rated current of laminated copper bar            | 790 A   |
| Rated current of laminated copper bar (UL)       | 760 A   |
| Electrical ratings UL (SCCR)                     | 27,5 kA - 600 V, RMS, unprotected<br>100 kA - 600 V, circuit breaker max. 400 A, DIVQ/7<br>100 kA - 600 V, Fuse Class L max. 1200 A, JDDZ/7 |
| Cable outlet                                     | Top/bottom  |
| For bar systems with centre-to-centre spacing    | 60 mm   |
| Number of poles                                  | 3-pole  |
| To fit busbar system                             | RiLineX<br>RiLine60   |
| Dimensions                                       | Width: 126.8 mm<br>Height: 239.4 mm<br>Depth: 104.6 mm  |
| Connection of round conductors                   | 95 - 240 mm <sup>2</sup>  |
| Clamping area for laminated copper bars (W x H)  | 24 x 20 mm  |
| Rated voltage                                    | 1,000 V AC<br>1,500 V DC<br>600 V AC (UL)<br>600 V DC (UL)  |
| Overvoltage category                             | 4   |
| Contamination level                              | 3   |
| Standards  | IEC/EN 61439-1<br>UL 508  |
| Rated impulse withstand voltage U <sub>imp</sub> | 12 kV   |
| Rated insulation voltage U <sub>i</sub>          | 1,000 V   |
| Heat loss max.                                   | 20 W  |

# Features

|                                     |  |
|-------------------------------------|--|
| IP protection category to IEC 60529 | IP 2XB   |
| Maximum operating air humidity      | 90 %   |
| Operating temperature range         | -5 °C...55 °C  |
| Storage temperature range           | -25 °C...75 °C   |
| Ambient humidity (non-condensing)   | 10...90 %  |
| Packs of                            | 1 pc(s).   |
| Net weight                          | 1.5 kg   |
| Gross weight                        | 1.62 kg  |
| PCF per pack (cradle-to-gate)       | 8.65   |
| Customs tariff number               | 85369010   |
| ETIM 9                              | EC001531   |
| Product description                 | RiLineX connection adaptor for 60 mm busbar systems. The adaptor 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 connection clamps support through-wiring. Mounted by simply snapping onto the RiLineX board. The supply leads and adaptors are screw-fastened onto the board together. The connection adaptor features a high current-carrying capacity plus high levels of short-circuit protection and universal contact hazard protection that adapts to the relevant wire gauge. 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<br>PCF-declaration |

# Tender text

RiLineX connection adaptor (630 A)

RiLineX connection adaptor for 60 mm busbar systems. The device has for simultaneous contact between the rail and conductor and adjustment for the busbar thickness.

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

IEC and UL approved.

Product information

Number of poles: 3

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

Rated current max.: 630 A

Connection: max. 240 mm<sup>2</sup>

Cable outlet: oben/unten

Dimensions: 128 mm x 240 mm x 105 mm (WxHxD)

Manufacturer: Rittal GmbH & Co. KG

Type: 9360230