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## RX 9361.315

## RiLineX connection adapter

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FRIEDHELM LOH GROUP



# RX 9361.315 - RiLineX connection adapter

RiLineX connection adapter for 60 mm busbar systems. The connection adapter is single-pole and fits a double connection (round/sector-shaped conductor). The phase spacing is freely selectable. The unit is suitable for use with L1/L2/L3/N. The adapter boasts an impressive compact design. Dismantling requires the use of tools. Conductors may be connected either from above or below. The terminals support full through-wiring. Mounted by simply snapping onto the RiLineX board. The adapter is readily installed on RiLine60. It offers high levels of short-circuit protection and easy-to-fit contact hazard protection.



## Features

Model No.	RX 9361.315
Benefits	Mounting on the busbar system and cable connection with just one screw
Material	Polyamide (PA 6) Fire behavior corresponding to UL 94
Color	RAL 9005
Rated current (reference value, IEC)	864 A
Rated current of round conductor max.(IEC)	1,060 A
Rated current of round conductor max. (UL)	980 A

# Features

Note	<p>The specified rated current, given as a reference value, is based on the recommended maximum operating current for single-core cable with a permissible conductor temperature of 70 °C in accordance with IEC 61439-1, Table H.1, installation spaced horizontally in free air at an ambient temperature of 55 °C.</p> <p>The specified rated current max. (IEC) describes the recommended maximum operating current of the terminal connection with a temperature rise limit of 70 K in accordance with IEC 61439-1 (Table 6) for conductors spaced free in air. The permissible insulation temperature must be observed.</p>
Electrical UL ratings (SCCR)	<p>27.5 kA - 600 V, RMS, unprotected</p> <p>100 kA - 600 V, circuit breaker max. 600 A, DIVQ/7</p> <p>100 kA - 600 V, fuse class L max. 2000 A, JDDZ/7</p>
Cable outlet	Top/bottom
For bar systems with center-to-center spacing	60 mm
Number of poles	1-pole
Suitable for busbar system	<p>RiLineX</p> <p>RiLine60</p>
Dimensions	<p>Width: 54.1 mm</p> <p>Height: 119.4 mm</p> <p>Depth: 163.4 mm</p> <p>Width: 2.13 "</p> <p>Height: 4.7 "</p> <p>Depth: 6.43 "</p>
Connection of round conductors	95 - 300 mm <sup>2</sup>
Suitable for busbars	<p>15 x 10</p> <p>20 x 10</p> <p>30 x 10</p>
Rated voltage	<p>1,000 V AC</p> <p>1,500 V DC</p> <p>600 V AC (UL)</p> <p>600 V DC (UL)</p>
Contamination level	3

# Features

Standards	IEC/EN 61439-1 UL 508
Rated impulse withstand voltage U <sub>Imp</sub>	12 kV
Rated insulation voltage U <sub>i</sub>	1,000 V
Power loss max.	105 W 358 BTU/h
Protection category IP to IEC 60 529	IP 2X
Maximum operating air humidity	90 %
Operating temperature range	-5 °C...55 °C 23 °F...131 °F
Storage temperature range	-25 °C...75 °C -13 °F...167 °F
Ambient humidity (non- condensing)	10...90 %
Number of connections	2
Fire load	5.947 MJ/m <sup>2</sup>
Packaging unit	1 pc(s).
Net weight	0.8 kg
Gross weight	0.892 kg
PCF/VE (cradle-to-gate)	4.47
Customs tariff number	85369010
ETIM 9	EC001531

# Features

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## Product description

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# Approvals

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## Approvals

UL + C-UL (listed)

## Explanations

Declaration of conformity  
PCF-declaration