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## SV 9342.310 Connection adaptor

State: 27/06/2026 (Source: [rittal.com/ie-en](http://rittal.com/ie-en))

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FRIEDHELM LOH GROUP



# SV 9342.310 - Connection adaptor

For bar systems with 60 mm centre-to-centre spacing.

## Features

Model No.	SV 9342.310
Material	Cover: ABS Punched section: Polyamide Fire protection corresponding to UL 94-V0
Colour	RAL 7035
Rated current max.	800 A
Rated operating voltage	690 V, 3~
Note	The technical data may vary for UL applications UL approval only applies in conjunction with AC application The rated operating voltage for DC applications depends on the busbar arrangement in the busbar supports 9340.050/9341.050/9342.050.
Electrical ratings UL (SCCR)	65 kA - 480 V, circuit breaker max. 600 A, DIVQ/7 65 kA - 600 V, Fuse Class L max. 800 A, JDDZ/7
Cable outlet	Top/bottom
For bar systems with centre-to-centre spacing	60 mm
Number of poles	3-pole
Dimensions	Width: 150 mm Height: 210 mm
Connection of round conductors, fine wire with wire end ferrule	95 - 185 mm <sup>2</sup>
Connection of round conductors, multi-wire	95 - 300 mm <sup>2</sup>
To fit busbars	Height: 5, 10 mm

# Features

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Clamping area for laminated copper bars with 5 mm bar thickness (W x H)	33 x 26 mm
Clamping area for laminated copper bars (W x H)	33 x 21 mm
Clamping area for laminated copper bars with 10 mm bar thickness (W x H)	33 x 21 mm
Rated operating voltage (L1 + L2)	1000 V (DC)
Rated operating voltage (L1 + L3)	1500 V (DC)
Approvals	UL
For bar thickness	185 mm
Packs of	1 pc(s).
Net weight	1.74 kg
Gross weight	1.772 kg
Copper weight (kg per piece)	0.207
Customs tariff number	85369010
ETIM 9	EC001531
ECLASS 8.0	27370304
Product description	SV Connection adaptor, 800 A, 690 V, 3-pole, cable outlet top/ bottom, round conductor connection 95-300 mm <sup>2</sup> , clamping area WH: 33x21/26 mm

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# Approvals

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Approvals	ABS DNV Lloyds Register UL + C-UL (listed)
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# Approvals

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Explanations

Declaration of conformity

Declaration of conformity UK

## Tender text

Connection adaptor 800 A

Connection adaptor 800 A 3-pole,  
cable outlet at the top/bottom

for busbar thickness 5/10 mm and PLS 800/1600

Type of connection

Round conductor, fine wire with wire end ferrule:

95 - 185 qmm

Round conductor, multi-wire: 95 - 300 qmm

Clamping area for laminated copper bar for 5 mm busbar thickness: 33 x  
27 mm

Clamping area for laminated copper bar for 10 mm busbar thickness: 33 x  
22 mm

For UL applications: AWG 3/0 - MCM 600

System:

Rittal RiLine60