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## SV 9342.311 Connection block

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SV 9342.311 - Connection block

For connecting round conductors and laminated copper bars. Suitable for busbars 12 x 5 to 30 x 10 mm and PLS 800/1600.

## Features

|  |   |
|--|---|
| Model No.  | SV 9342.311   |
| Product description  | Suitable for busbars 12 x 5 to 30 x 10 mm and PLS 800/1600.   |
| Material   | Punched section: Polyamide<br>Cover: ABS<br>Fire protection corresponding to UL 94-V0   |
| Colour   | RAL 7035  |
| Supply includes  | 3 terminals including cover   |
| Clamping area for laminated copper bars with 5 mm bar thickness (W x H)  | 33 x 26 mm  |
| Clamping area for laminated copper bars with 10 mm bar thickness (W x H) | 33 x 22 mm  |
| Cable outlet   | Top/bottom  |
| Rated current max.   | 800 A   |
| Electrical ratings UL (SCCR)   | 65 kA - 480 V, circuit breaker max. 600 A, DIVQ/7<br>65 kA - 600 V, Fuse Class L max. 800 A, JDDZ/7   |
| Note   | With overvoltage category III, a rated operating voltage of 1,000 V (AC) is achieved.<br>When using the terminal on 2-pole busbar systems (SV 9340.040), the terminal must be rotated through 180° for connection to the PE busbar. |
| Dimensions   | Width: 50 mm<br>Height: 88 mm   |
| Connection of round conductors, fine wire with wire end ferrule          | 95 - 185 mm <sup>2</sup>  |

# Features

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|  |   |
|--|---|
| Connection of round conductors, multi-wire | 95 - 300 mm <sup>2</sup>  |
| Packs of                                   | 3 pc(s).  |
| Net weight                                 | 1,227 kg  |
| Gross weight                               | 1,431 kg  |
| Copper weight (kg per piece)               | 0,096   |
| Customs tariff number                      | 85369095  |
| ETIM 9                                     | EC002270  |
| ECLASS 8.0                                 | 27400613  |
| Product description                        | SV Connection block, 800 A, 690 V, 1-pole, cable outlet top/bottom, round conductor connection 90-300 mm <sup>2</sup> , clamping area WH: 33x21/26 mm |

# Approvals

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|              |   |
|--------------|---|
| Approvals    | ABS<br>DNV<br>Lloyds Register<br>UL + C-UL (listed)       |
| Explanations | Declaration of conformity<br>Declaration of conformity UK |

# Tender text

Terminal block, 1-pole

Terminal block 1-pole, cable outlet 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 bars for  
5 mm bar thickness: 33 x 27 mm

Clamping area for lamintate copper bars for  
10 mm bar thickness: 33 x 22 mm

System:

Rittal RiLine60