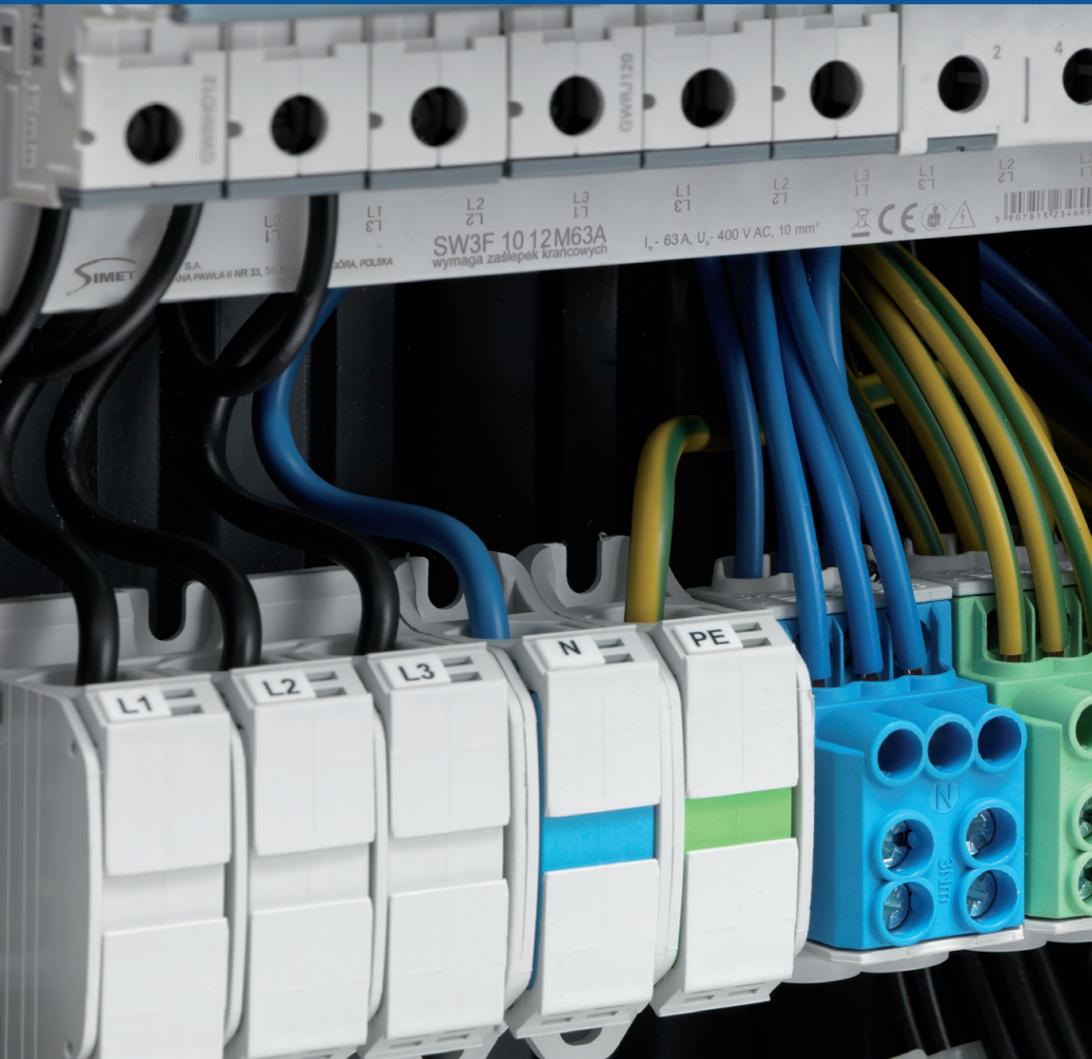


## CONNECTION BUSBARS

- fork type
- pin type



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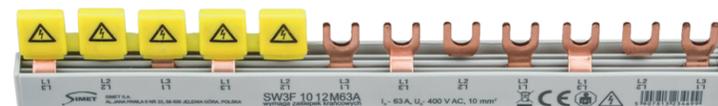
**SS1F**



**SW1F**



**SS3F**



**SW3F**

### SIMET S.A.

Al. Jana Pawła II 33  
58-506 Jelenia Góra, Poland

#### Domestic sales:

tel.: +48 75 64 71 492  
fax.: +48 75 64 72 062  
[sprzedaz@simet.com.pl](mailto:sprzedaz@simet.com.pl)

#### International sales:

tel.: +48 75 64 71 481  
[export@simet.com.pl](mailto:export@simet.com.pl)

Safe connections of circuit-breakers,  
residual current devices and other installation devices  
certified according to all relevant test standards.

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# BUSBARS

## SAFE CONNECTIONS FOR ALL CIRCUIT BREAKERS

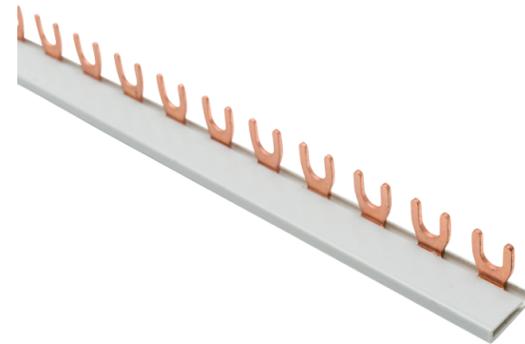
Busbars provide a safe and quick connection of circuit breakers, residual current devices and other installation devices. All types are available in two versions: with pin or with fork. The complete busbar portfolio has been tested by VDE. As of today there is no special test standard for busbars. This is why we configured in accordance with DIN EN 61439-1:2012-06 and DIN EN 61439-6:2013-06 the complete test setup and checked all pin and fork types – the test report from VDE is available for you on

request. The busbars from SIMET are allside fingersafe according to DIN EN 50274. Accessories such as end caps and feed-in terminals you will find in our portfolio, too. Apart from the standard version we can also offer different pitch lengths, cross sections, special designs and combinations on inquiry.

CURRENT RATING	1-phase						2,3 and 4-phase			
	10	12	16	20	25	36	10	16	25	36
Busbar cross-section in mm <sup>2</sup>										
Feed-in from side										
maximum busbar current $I_s$ / Phase A	63	65	80	90	100	130	63	80	100	130
Feed-in from middle										
maximum current per branch $I_E$ / Phase A	100	110	130	150	180	220	100	130	180	220
maximum feed-in current $I_E$ / Phase A	Dependent on the cross section									
Feed-in at start of busbar	Feeding along the busbar or central feed-in									
	For central supply, it has to be made sure that the sum of the outgoing currents $a_0$ at each bus branch is not bigger than the above-mentioned max. busbar current $I_s$ / phase.									

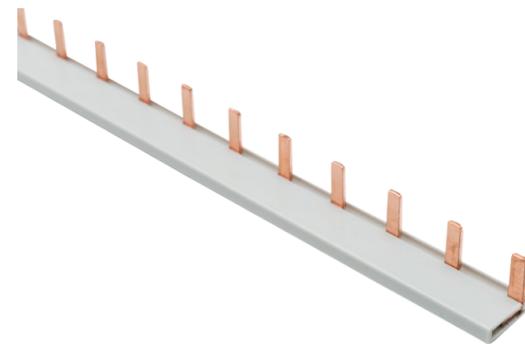
### 1-POLE FORK (M6) CONNECTION BUSBARS - FORK TYPE

Catalog number	Trade name	Cross section	Nominal current	Modules	Pitch	Collective packaging
81 991 006	SW1F 10 12M63A	10 mm <sup>2</sup>	63 A	12	17,8 mm	10 pcs
81 993 006	SW1F 16 12M80A	16 mm <sup>2</sup>	80 A	12	17,8 mm	10 pcs
81 991 106	SW1F 10 57M63A	10 mm <sup>2</sup>	63 A	57	17,8 mm	10 pcs
81 993 106	SW1F 16 57M80A	16 mm <sup>2</sup>	80 A	57	17,8 mm	10 pcs



### 1-POLE PIN CONNECTION BUSBARS - PIN TYPE

Catalog number	Trade name	Cross section	Nominal current	Modules	Pitch	Collective packaging
81 995 006	SS1F 10 12M63A	10 mm <sup>2</sup>	63 A	12	17,8 mm	10 pcs
81 997 006	SS1F 16 12M80A	16 mm <sup>2</sup>	80 A	12	17,8 mm	10 pcs
81 995 106	SS1F 10 57M63A	10 mm <sup>2</sup>	63 A	57	17,8 mm	10 pcs
81 997 106	SS1F 16 57M80A	16 mm <sup>2</sup>	80 A	57	17,8 mm	10 pcs



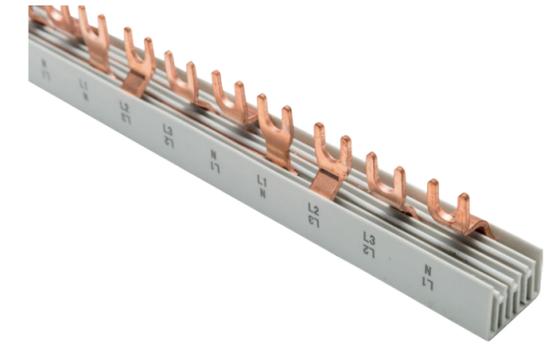
SUITABLE END CAP 1-PHASE			
Catalog number	Trade name	Cross section	Collective packaging
81 999 006	ZSP1F	10/16 mm <sup>2</sup>	10 pcs

PROTECTIVE COVER FOR CONNECTION BUSBARS 10/16mm <sup>2</sup>			
Catalog number	Trade name	Cross section	Collective packaging
81 999 004	OSP-5M	10/16 mm <sup>2</sup>	10 pcs 5-modules



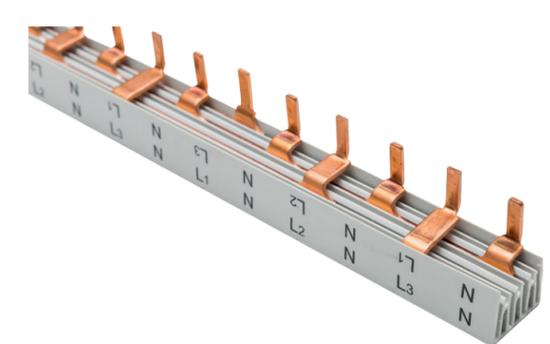
### 3-POLE FORK (M6) CONNECTION BUSBARS - FORK TYPE

Catalog number	Trade name	Cross section	Nominal current	Modules	Pitch	Collective packaging
81 992 006	SW3F 10 12M63A	10 mm <sup>2</sup>	63 A	12	17,8 mm	5 pcs
81 994 006	SW3F 16 12M80A	16 mm <sup>2</sup>	80 A	12	17,8 mm	5 pcs
81 992 106	SW3F 10 57M63A	10 mm <sup>2</sup>	63 A	57	17,8 mm	5 pcs
81 994 106	SW3F 16 57M80A	16 mm <sup>2</sup>	80 A	57	17,8 mm	5 pcs



### 3-POLE PIN CONNECTION BUSBARS - PIN TYPE

Catalog number	Trade name	Cross section	Nominal current	Modules	Pitch	Collective packaging
81 996 006	SS3F 10 12M63A	10 mm <sup>2</sup>	63 A	12	17,8 mm	5 pcs
81 998 006	SS3F 16 12M80A	16 mm <sup>2</sup>	80 A	12	17,8 mm	5 pcs
81 996 106	SS3F 10 57M63A	10 mm <sup>2</sup>	63 A	57	17,8 mm	5 pcs
81 998 106	SS3F 16 57M80A	16 mm <sup>2</sup>	80 A	57	17,8 mm	5 pcs



SUITABLE END CAP 3-PHASE			
Catalog number	Trade name	Cross section	Collective packaging
81 999 106	ZSP3F-10	10 mm <sup>2</sup>	10 pcs
81 999 206	ZSP3F-16	16 mm <sup>2</sup>	10 pcs

