

## Bolt-type screw terminals ST 4000/S M10 F

**Weidmüller Interface GmbH & Co. KG**  
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Thanks to the ring cable lug connection system, which is a proven railway technology, our ST 4000® high-voltage terminals provide you with a modular system that is both globally recognised and easy to install in all four corners of the world.

The products have been tested and comply with the requirements set down in the professional standards EN 50155, EN 50124-1, EN 45545 and IEC 61373. Our products are continuously monitored and further developed.

### General ordering data

Type	ST 4000/S M10 F
Order No.	<a href="#">1809140000</a>
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 185 mm <sup>2</sup> , Screw connection, Direct mounting
GTIN (EAN)	4032248293469
Qty.	25 pc(s).

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## Technical data

### Dimensions and weights

Width	40 mm	Width (inches)	1.575 inch
Height	150 mm	Height (inches)	5.905 inch
Net weight	446.96 g		

### Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	130 °C		

### Conductors for clamping (rated connection)

Cable lug to DIN 46234	4 - 120 mm <sup>2</sup>	Clamping range, bolted connection , max.	185 mm <sup>2</sup>
Clamping range, bolted connection , min.	16 mm <sup>2</sup>	Connection direction	on side
Number of connections	2	Stud size for spade connection	M 10
Tightening torque, max.	35 Nm	Tightening torque, min.	33 Nm
Type of connection	Screw connection	Wire connection cross section, finely stranded, max.	185 mm <sup>2</sup>
Wire connection cross-section, finely stranded, min.	16 mm <sup>2</sup>		

### Rating data

Rated cross-section	185 mm <sup>2</sup>	Rated voltage	4,000 V
Voltage with epoxy resin partition plate	4,000 V	Rated current	415 A
Current at maximum wires	415 A	Volume resistance according to IEC 60947-7-x	0.12 mΩ
Rated impulse withstand voltage	30 kV	Impulse voltage with epoxy resin partition plate	30 kV
Pollution severity	3		

### Stud connection

Cable lug to DIN 46234	4 - 120 mm <sup>2</sup>	Clamping range, bolted connection , max.	185 mm <sup>2</sup>
Clamping range, bolted connection , min.	16 mm <sup>2</sup>	Impulse voltage with epoxy resin partition plate	30 kV
Stud size for spade connection	M 10	Tightening torque, max.	35 Nm
Tightening torque, min.	33 Nm	Voltage with epoxy resin partition plate	4,000 V

### Classifications

ETIM 3.0	EC002020	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC000897
UNSPSC	30-21-18-01	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20	eClass 8.1	27-14-11-20
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20

**Data sheet****Bolt-type screw terminals  
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**Technical data****Approvals**

Approvals



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Brochure/Catalogue

[CAT 1 TERM 16/17 EN](#)

Engineering Data

[EPLAN, WSCAD](#)