

**General ordering data**

Order No.	1809130000
Part designation	ST 4000/S M10
Version	Shield connection terminal, 120 mm <sup>2</sup> , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting
EAN	4032248293452
Qty.	25 pc(s).

**Product notes**

Note, ordering data	Weidmüller can prepare drawings for a ST 4000 application to customer specification.
Note, technical data	Rated voltage when using cable lugs to DIN 46234

**Additional technical data**

Colour of insulating material	red
Connection direction	on side
Explosion-tested version "Ex e"	No
Installation advice	Direct mounting
Insulating material	Epoxy resin / thermosetting plastic
Levels cross-connected internally	No
No. of levels	1
No. of terminal strips per level	2
Open sides	Open
Type of connection	Screw connection
Type of mounting	Screwed
UL 94 flammability rating of insulation material	V-0
Version	Stud terminal

**Conductors for clamping (rated connection)**

Type of connection	Screw connection
Connection direction	on side
Flexible, min.	4 mm <sup>2</sup>
Flexible, max.	120 mm <sup>2</sup>

**Dimensions**

Width	40 mm
Height of lowest version	84 mm
Length	150 mm

**Rating data**

Rated cross-section	120 mm <sup>2</sup>
Rated voltage	4,000 V
Rated impulse voltage	30 kV
Rated current	269 A
Current with max. conductor	269 A
Pollution severity	3

**Stud connection**

Cable lug to DIN 46234	4 - 120 mm <sup>2</sup>
Clamping range, max.	120 mm <sup>2</sup>

#### Stud connection

Clamping range, min.	4 mm <sup>2</sup>
Impulse voltage with epoxy resin partition plate	29.5 kV
Stud size for spade connection	M 10
Tightening torque range	10...20 Nm
Voltage with epoxy resin partition plate	4,000 V

#### Approvals

Approvals institutes



#### Classifications

ETIM 2.0	NK
ETIM 3.0	EC002020
eClass 4.1	NK
eClass 5.0	NK
eClass 5.1	NK

#### Similar products

Order No.	Part designation	Version
1809110000	ST 4000/S M8	Shield connection terminal, 120 mm <sup>2</sup> , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting
1809120000	ST 4000/S M8 F	Shield connection terminal, 120 mm <sup>2</sup> , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting
1809140000	ST 4000/S M10 F	Shield connection terminal, 120 mm <sup>2</sup> , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting
1809150000	ST 4000/L M10	Shield connection terminal, 150 mm <sup>2</sup> , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting
1809160000	ST 4000/L M10 F	Shield connection terminal, 150 mm <sup>2</sup> , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting
1809170000	ST 4000/L M12	Shield connection terminal, 240 mm <sup>2</sup> , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting
1809180000	ST 4000/L M12 F	Shield connection terminal, 240 mm <sup>2</sup> , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting