

General ordering data

Order No.	1809180000
Part designation	ST 4000/L M12 F
Version	Shield connection terminal, 240 mm ² , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting
EAN	4032248293506
Qty.	15 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
Operating temperature range	- 50 °C, + 130 °C
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.	10 mm ²
Flexible, max.	240 mm ²

Dimensions

Width	55 mm
Height of lowest version	90 mm
Length	180 mm

Rating data

Rated cross-section	240 mm ²
Rated voltage	4,000 V
Rated impulse voltage	29.5 kV
Rated current	415 A
Current with max. conductor	415 A
Pollution severity	3

Stud connection

Cable lug to DIN 46234	25...240 mm ²
Cable lug to DIN 46234	10...240 mm ²
Clamping range, max.	240 mm ²

Stud connection

Clamping range, min.	10 mm ²
Impulse voltage with epoxy resin partition plate	29.5 kV
Stud size for spade connection	M 12
Tightening torque range	14...31 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 ² , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting
1809120000	ST 4000/S M8 F	Shield connection terminal, 120 mm ² , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting
1809130000	ST 4000/S M10	Shield connection terminal, 120 mm ² , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting
1809140000	ST 4000/S M10 F	Shield connection terminal, 120 mm ² , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting
1809150000	ST 4000/L M10	Shield connection terminal, 150 mm ² , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting
1809160000	ST 4000/L M10 F	Shield connection terminal, 150 mm ² , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting
1809170000	ST 4000/L M12	Shield connection terminal, 240 mm ² , Screw connection, Epoxy resin / thermosetting plastic, red, Direct mounting