



#### General ordering data

Order No.	1780880000
Part designation	WF 12
Version	Stud terminal, 120 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
EAN	4032248219360
Qty.	20 pc(s).

#### Product notes

Note, accessories	With WTW...2300 made from epoxy resin, rated current is 2300 V according to prelim. EN 50124-1
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#### Additional technical data

Colour of insulating material	dark beige
Connection direction	on side
End plate required	No
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	1
Open sides	Open
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Stud terminal

#### CSA rating data

Voltage (CSA)	1,000 V
CSA current	320 A
Min. cross-section (CSA)	AWG 10

**CSA rating data**

Max. cross-section (CSA)	kcmil 250
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**Conductors for clamping (rated connection)**

Type of connection	Threaded stud connection
Connection direction	on side
Flexible, min.	6 mm <sup>2</sup>
Flexible, max.	120 mm <sup>2</sup>

**Dimensions**

Width	33.8 mm
Height of lowest version	72 mm
Length	67 mm
TS 35 offset	31.5 mm

**Rating data**

Rated cross-section	120 mm <sup>2</sup>
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	269 A
Current with max. conductor	269 A
Pollution severity	3

**Stud connection**

2 cable lugs to DIN 46234	6...120 mm <sup>2</sup>
2 cable lugs to DIN 46234	10...95 mm <sup>2</sup>
Cable lug to DIN 46234	6...120 mm <sup>2</sup>
Cable lug to DIN 46234	10...95 mm <sup>2</sup>
Clamping range, max.	120 mm <sup>2</sup>
Clamping range, min.	6 mm <sup>2</sup>
Impulse voltage with epoxy resin partition plate	12 kV
Stud size for spade connection	M 12
Tightening torque range	14...31 Nm
Voltage with epoxy resin partition plate	2,300 V

**UL rating data**

Voltage (UL)	1,000 V
Current (UL)	255 A
Min. cross-section (UL)	AWG 10
Max. cross-section (UL)	kcmil 250

**Approvals**

Approvals institutes



**Downloads**

STEP 1780880000\_31397\_WF\_12\_STP.stp

**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
1790130000	WF 5	Stud terminal, 16 mm <sup>2</sup> , Threaded stud connection, dark beige, TS 35
1780850000	WF 6	Stud terminal, 35 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
1780860000	WF 8	Stud terminal, 50 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
1780870000	WF 10	Stud terminal, 120 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
1968990000	WF 5 NFF	
1969000000	WF 6 NFF	
1968960000	WF 8 NFF	
1968950000	WF 10 NFF	
1968940000	WF 12 NFF	