



### General ordering data

Order No.	1780870000
Short text for material	WF 10
EAN	4032248219353
Qty	20

### Additional technical data

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

### CSA rating data

Voltage CSA	1000 V
CSA current	320 A
Max. cross-section (CSA)	kcmil 250
Min. cross-section (CSA)	AWG 10

### Conductors for clamping (rated connection)

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

### Dimensions

Length	67 mm
Height of lowest version	74 mm
Width	33,8 mm

**Rating data**

Rated cross-section	120 mm <sup>2</sup>
Rated voltage	1000 V
Rated impulse withstand voltage	8 kV
Rated current	269 A
Current with max. conductor	269 A
Pollution severity	3

**Stud connection**

Clamping range, max.	120 mm <sup>2</sup>
Impulse voltage with epoxy resin partition plate	12 kV
Clamping range, min.	6 mm <sup>2</sup>
Voltage with epoxy resin partition plate	2300 V
Tightening torque range	10...20 Nm
Cable lug to DIN 46234	10...95 mm <sup>2</sup>
Cable lug to DIN 46234	6...120 mm <sup>2</sup>
Stud size for spade connection	M 10
2 cable lugs to DIN 46234	10...95 mm <sup>2</sup>
2 cable lugs to DIN 46234	6...120 mm <sup>2</sup>

**UL rating data**

Min. cross-section (UL)	AWG 10
Max. cross-section (UL)	kcmil 250
Voltage UL	1000 V
Current (UL)	255 A

**Approvals**

Approvals

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**Downloads**

STEP 1780870000\_31396\_WF\_10\_STP.stp

**Classifications**

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

**Related products**

Order No.

Short text for material

1790130000	WF 5
1780850000	WF 6
1780860000	WF 8
1780880000	WF 12