



### General ordering data

Order No.	1780860000
Short text for material	WF 8
EAN	4032248219346
Qty	25

### 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	top

### CSA rating data

Voltage CSA	1000 V
CSA current	200 A
Max. cross-section (CSA)	AWG 1/0
Min. cross-section (CSA)	AWG 14

### Conductors for clamping (rated connection)

Type of connection	Threaded stud connection
Connection direction	top
Flexible, min.	2,5 mm <sup>2</sup>
Flexible, max.	50 mm <sup>2</sup>

### Dimensions

Length	67 mm
Height of lowest version	65 mm
Width	22,8 mm

**Rating data**

Rated cross-section	50 mm <sup>2</sup>
Rated voltage	1000 V
Rated impulse withstand voltage	8 kV
Rated current	150 A
Current with max. conductor	150 A
Pollution severity	3

**Stud connection**

Stud size for spade connection	M 8
2 cable lugs to DIN 46234	6...35 mm <sup>2</sup>
2 cable lugs to DIN 46234	2.5...50 mm <sup>2</sup>
Clamping range, max.	50 mm <sup>2</sup>
Impulse voltage with epoxy resin partition plate	12 kV
Clamping range, min.	2,5 mm <sup>2</sup>
Voltage with epoxy resin partition plate	2300 V
Tightening torque range	6.0...12 Nm
Cable lug to DIN 46234	6...35 mm <sup>2</sup>
Cable lug to DIN 46234	2.5...50 mm <sup>2</sup>

**UL rating data**

Max. cross-section (UL)	AWG 1/0
Voltage UL	1000 V
Current (UL)	150 A
Min. cross-section (UL)	AWG 14

**Approvals**

Approvals

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**Downloads**

STEP

1780860000\_31395\_WF\_8\_STP.stp

**Classifications**

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

The pitch, related to the terminal carrier width with WTW, is 18 mm.

**Related products**

Order No.	Short text for material
1790130000	WF 5
1780850000	WF 6
1780870000	WF 10
1780880000	WF 12