

General ordering data

Order No.	1780850000
Short text for material	WF 6
EAN	4032248219339
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	on side

CSA rating data

CSA current	150 A
Min. cross-section (CSA)	AWG 14
Voltage CSA	1000 V
Max. cross-section (CSA)	AWG 2

Conductors for clamping (rated connection)

Type of connection	Threaded stud connection
Connection direction	on side
Flexible, min.	2,5 mm ²
Flexible, max.	35 mm ²

Dimensions

Length	67 mm
Height of lowest version	56 mm
Width	17,8 mm

Rating data

Rated cross-section	35 mm ²
Rated voltage	1000 V
Rated impulse withstand voltage	8 kV
Rated current	125 A
Current with max. conductor	125 A
Pollution severity	3

Stud connection

2 cable lugs to DIN 46234	2.5...35 mm ²
Clamping range, max.	35 mm ²
Impulse voltage with epoxy resin partition plate	12 kV
Clamping range, min.	2,5 mm ²
Voltage with epoxy resin partition plate	2300 V
Tightening torque range	3.0...6.0 Nm
Cable lug to DIN 46234	6...35 mm ²
Cable lug to DIN 46234	2.5...35 mm ²
Stud size for spade connection	M 6
2 cable lugs to DIN 46234	6...25 mm ²

UL rating data

Voltage UL	1000 V
Current (UL)	115 A
Min. cross-section (UL)	AWG 14
Max. cross-section (UL)	AWG 2

Approvals

Approvals

Approvals

Approvals

Downloads

STEP 1780850000_31394_WF_6_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
1780860000	WF 8
1780870000	WF 10
1780880000	WF 12