

## Excellent Integrated System Limited

Stocking Distributor

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[Weidmüller](#)  
[1780860000](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**General ordering data**

Order No.	1780860000
Part designation	WF 8
Version	Stud terminal, 50 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
EAN	4032248219346
Qty.	25 pc(s).

**Product notes**

Note, technical data	The WQL 2, for WF 6 on WF 8, is available under order no. 1808980000.
Function	The pitch, related to the terminal carrier width with WTW, is 18 mm.
Note, accessories	With WTW...2300 made from epoxy resin, rated current is 2300 V according to prelim. EN 50124-1

**Additional technical data**

Colour of insulating material	dark beige
Connection direction	top
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	200 A
Min. cross-section (CSA)	AWG 14
Max. cross-section (CSA)	AWG 1/0

**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**

Width	22.8 mm
Height of lowest version	65 mm
Length	67 mm
TS 35 offset	31.5 mm

**Rating data**

Rated cross-section	50 mm <sup>2</sup>
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	150 A
Current with max. conductor	150 A
Pollution severity	3

**Stud connection**

2 cable lugs to DIN 46234	2.5...50 mm <sup>2</sup>
2 cable lugs to DIN 46234	6...35 mm <sup>2</sup>
Cable lug to DIN 46234	2.5...50 mm <sup>2</sup>
Cable lug to DIN 46234	6...35 mm <sup>2</sup>
Clamping range, max.	50 mm <sup>2</sup>
Clamping range, min.	2.5 mm <sup>2</sup>
Impulse voltage with epoxy resin partition plate	12 kV
Stud size for spade connection	M 8
Tightening torque range	6.0...12 Nm
Voltage with epoxy resin partition plate	2,300 V

**UL rating data**

Voltage (UL)	1,000 V
Current (UL)	150 A
Min. cross-section (UL)	AWG 14
Max. cross-section (UL)	AWG 1/0

### Approvals

Approvals institutes



### 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

### 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
1780870000	WF 10	Stud terminal, 120 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
1780880000	WF 12	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	