



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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#### 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	