



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





#### General ordering data

Order No.	1028700000
Part designation	WFF 300
Version	Stud terminal, 300 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
EAN	4008190165017
Qty.	4 pc(s).

#### Product notes

Note, accessories	WAH 185/300 in blue, order no. 1064780000
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#### PT OKIECEX/ATEX rating data

EU-type examination certificate	KEMA98ATEX1684U
Download, German	KEMA98ATEX1684U_d.pdf
Download English	KEMA98ATEX1684U_e.pdf
ATEX voltage	1100 V
ATEX current	452 A
ATEX conductor cross-section	300 mm <sup>2</sup>
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEx-Certificate of Conformity
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

#### Additional technical data

Colour of insulating material	dark beige
Connection direction	on side
End plate required	No
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1

**Additional technical data**

No. of terminal strips per level	2
Open sides	closed
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	Feed-through terminal

**CSA rating data**

Voltage (CSA)	600 V
CSA current	510 A
Min. cross-section (CSA)	AWG 6
Max. cross-section (CSA)	kcmil 600

**Conductors for clamping (rated connection)**

Type of connection	Threaded stud connection
Connection direction	on side
Flexible, min.	25 mm <sup>2</sup>
Flexible, max.	240 mm <sup>2</sup>

**Dimensions**

Width	55 mm
Height of lowest version	86 mm
Length	163 mm
Weight	552.15 g
TS 35 offset	81.5 mm

**Rating data**

Rated cross-section	300 mm <sup>2</sup>
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	520 A
Current with max. conductor	520 A
Pollution severity	3

**Strap connection**

Strap 1, max.	3 x 35 x 1
Strap 1, min.	2 x 4 x 1
Strap 2, max.	8 x 32 x 1
Strap 2, min.	6 x 32 x 1

**Stud connection**

2 cable lugs to DIN 46234	50...240 mm <sup>2</sup>
2 cable lugs to DIN 46234	25...240 mm <sup>2</sup>
Cable lug to DIN 46234	50...300 mm <sup>2</sup>
Cable lug to DIN 46234	25...240 mm <sup>2</sup>
Clamping range, max.	300 mm <sup>2</sup>
Clamping range, min.	25 mm <sup>2</sup>
Stud size for spade connection	M 16
Tightening torque range	25...60 Nm

**Stud connection**
**UL rating data**

Voltage (UL)	1,000 V
Current (UL)	500 A
Min. cross-section (UL)	AWG 6
Max. cross-section (UL)	kcmil 600

**Approvals**

Approvals institutes


**Downloads**

STEP	1028700000_17248_WFF_300_STP.stp
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**Classifications**

eClass 4.1	NK
eClass 5.0	NK
eClass 5.1	NK

**Similar products**

Order No.	Part designation	Version
1028300000	WFF 35	Stud terminal, 35 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
1028380000	WFF 35 BL	Stud terminal, 35 mm <sup>2</sup> , Threaded stud connection, Wemid, blue, TS 35
1028400000	WFF 70	Stud terminal, 70 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
1028480000	WFF 70 BL	Stud terminal, 70 mm <sup>2</sup> , Threaded stud connection, Wemid, blue/light blue, TS 35
1028500000	WFF 120	Stud terminal, 120 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
1028580000	WFF 120 BL	Stud terminal, 120 mm <sup>2</sup> , Threaded stud connection, Wemid, blue, TS 35
1857540000	WFF 120/M12/AH	Stud terminal, 120 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1028600000	WFF 185	Stud terminal, 185 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35

1028680000 WFF 185 BL

Stud terminal, 185 mm<sup>2</sup>, Threaded stud connection, Wemid, blue,  
TS 35