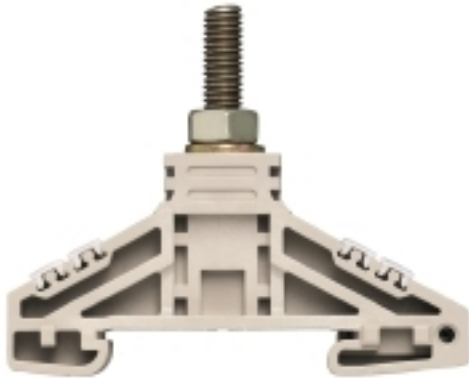


## Bolt-type screw terminals WF 6

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 1429-0  
 Fax: +49 5231 14292083  
 www.weidmueller.com



### Klippon® Connect with stud Technology

Our stud terminals are an established, robust connection alternative for particularly harsh environments. The extensive accessories and quality workmanship ensure high productivity in planning and installation – and sustainable safety in operation..

### General ordering data

Type	WF 6
Order No.	<a href="#">1780850000</a>
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 35 mm <sup>2</sup> , Threaded stud connection
GTIN (EAN)	4032248219339
Qty.	25 pc(s).

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**Technical data****Dimensions and weights**

Width	17.8 mm	Width (inches)	0.701 inch
Height	67 mm	Height (inches)	2.638 inch
Depth	54.5 mm	Depth (inches)	2.146 inch
Net weight	26.494 g		

**Temperatures**

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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**Material data**

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

**System specifications**

Version	Single-stud terminals	End cover plate required	No
Number of levels	1	No. of clamping points per level	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35		

**Additional technical data**

Explosion-tested version	No	Number of similar terminals	1
Open sides	Open	Type of mounting	Snap-on

**CSA rating data**

Certificate No. (CSA)	200039-1244019	Current size C (CSA)	150 A
Voltage size C (CSA)	1000 V	Wire cross section max. (CSA)	2 AWG
Wire cross section min. (CSA)	14 AWG		

**Conductors for clamping (rated connection)**

2 x cable lugs DIN 46 234	2.5...35 mm <sup>2</sup>	2 x cable lugs DIN 46 235	6...25 mm <sup>2</sup>
Cable lug to DIN 46234	2.5...35 mm <sup>2</sup>	Cable lug to DIN 46235	6...25 mm <sup>2</sup>
Clamping range, rated connection, max.	35 mm <sup>2</sup>	Clamping range, rated connection, min.	2.5 mm <sup>2</sup>
Number of connections	1	Stud size for spade connection	M 6
Tightening torque, max.	6 Nm	Tightening torque, min.	3 Nm
Type of connection	Threaded stud connection		

**Rating data**

Rated cross-section	35 mm <sup>2</sup>	Rated voltage	1,000 V
Voltage with epoxy resin partition plate	2,300 V	Rated current	125 A
Current at maximum wires	125 A	Volume resistance according to IEC 60947-7-x	0.26 mΩ
Rated impulse withstand voltage	8 kV	Impulse voltage with epoxy resin partition plate	12 kV
Pollution severity	3		

**UL rating data**

Certificate No. (cURus)	E60693
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Creation date July 14, 2017 9:30:44 AM CEST

Catalogue status 30.06.2017 / We reserve the right to make technical changes.

**Data sheet**

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**Technical data**

**Classifications**

ETIM 3.0	EC002020	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC000897
UNSPSC	30-21-18-01	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20	eClass 8.1	27-14-11-20
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20

**Product information**

Descriptive text ordering data	1000 VDC rated voltage tested.
Descriptive text technical data	1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.
Descriptive text accessories	With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">DE_PT1004_20160418_848_ISSUE01.pdf</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>

**Safety note**

Safety notice [Safety Information](#)

**Data sheet**

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**Drawings**

