

## Bolt-type screw terminals WF 5

**Weidmüller Interface GmbH & Co. KG**  
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### 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 5
Order No.	<a href="#">1790130000</a>
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 16 mm <sup>2</sup> , Threaded stud connection
GTIN (EAN)	4032248366637
Qty.	25 pc(s).

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

Width	13 mm	Width (inches)	0.512 inch
Height	67 mm	Height (inches)	2.638 inch
Depth	54.5 mm	Depth (inches)	2.146 inch
Net weight	20.214 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	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	Open sides	Open
Type of mounting	Snap-on		

**CSA rating data**

Certificate No. (CSA)	200039-1244019	Current size C (CSA)	85 A
Voltage size C (CSA)	1000 V	Wire cross section max. (CSA)	4 AWG
Wire cross section min. (CSA)	10 AWG		

**Conductors for clamping (rated connection)**

2 x cable lugs DIN 46 234	0.1...16 mm <sup>2</sup>	2 x cable lugs DIN 46 235	6...10 mm <sup>2</sup>
Cable lug to DIN 46234	0.1...16 mm <sup>2</sup>	Cable lug to DIN 46235	6...10 mm <sup>2</sup>
Clamping range, rated connection, max.	16 mm <sup>2</sup>	Clamping range, rated connection, min.	0.1 mm <sup>2</sup>
Number of connections	1	Stud size for spade connection	M 5
Tightening torque, max.	4 Nm	Tightening torque, min.	2 Nm
Type of connection	Threaded stud connection		

**Rating data**

Rated cross-section	16 mm <sup>2</sup>	Rated voltage	1,000 V
Rated current	76 A	Current at maximum wires	76 A
Volume resistance according to IEC 60947-7-x	0.42 mΩ	Rated impulse withstand voltage	8 kV
Pollution severity	3		

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	4 AWG
Conductor size Factory wiring min. (UR)	10 AWG	Conductor size Field wiring max. (UR)	4 AWG
Conductor size Field wiring min. (UR)	10 AWG	Current size C (UR)	85 A
Voltage size C (UR)	1000 V		

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**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 V DC rated voltage passed with the WTW WF6 1781220000 partition plate.
Descriptive text technical data	1000V UL and CSA for usage groups B and C can be used with isolating terminal rails and when using WTW WF6 1781220000 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_845_ISSUE01.pdf</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN_WSCAD</a>

**Safety note**

Safety notice [Safety Information](#)

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**Drawings**

