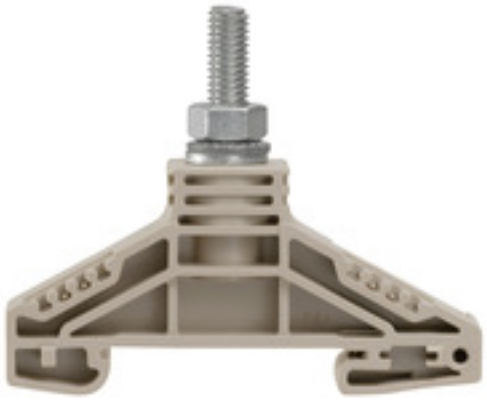
Bolt-type screw terminals
WF 6

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image



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.	1780850000
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 35 mm², 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

Material data

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

System specifications

Version	Single-stud terminals	Tightening torque (clamping screw for copper conductors)	3...6 Nm
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 mm²	2 x cable lugs DIN 46 235	6...25 mm²
Cable lug to DIN 46234	2.5...35 mm²	Cable lug to DIN 46235	6...25 mm²
Clamping range, max.	35 mm²	Clamping range, min.	2.5 mm²
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 mm²	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		

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Technical data

Stud connection

2 x cable lugs DIN 46 234	2.5...35 mm²	2 x cable lugs DIN 46 235	6...25 mm²
Cable lug to DIN 46234	2.5...35 mm²	Cable lug to DIN 46235	6...25 mm²
Impulse voltage with epoxy resin partition plate	12 kV	Stud size for spade connection	M 6
Tightening torque, max.	6 Nm	Tightening torque, min.	3 Nm
Voltage with epoxy resin partition plate	2,300 V		

UL rating data

Certificate No. (UR)	E60693	Certificate No. (cURus)	E60693
Conductor size Factory wiring max. (UR)	2 AWG	Conductor size Factory wiring min. (UR)	14 AWG
Conductor size Field wiring max. (UR)	2 AWG	Conductor size Field wiring min. (UR)	14 AWG
Current size C (UR)	115 A	Voltage size C (UR)	1000 V

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.
Instructions for accessories	With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1004_20160418_848_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP

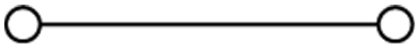
Safety note

Safety notice	Safety Information

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Drawings



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Accessories

Partition plates



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WTW WF6	1781220000	Bolt-type screw terminals, Seperation plate, Dark Beige, 3 mm	4032248219377	20 pc(s).
WTW WF6 2300	1781230000	Bolt-type screw terminals, Seperation plate, Grey, 2 mm	4032248241125	20 pc(s).
WTW WF6-WF12	1781240000	Bolt-type screw terminals, Seperation plate, Dark Beige, 2.5 mm	4032248241156	20 pc(s).

Blank

WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text.
WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.
- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 15/5 MC NE WS	1609880000	WS, Terminal marker, 15 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, White	4008190203504	480 pc(s).

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Accessories

Blank

The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 MC NE WS	1609820000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, White	4008190203436	1,000 pc(s).

Shrouding covers



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ADP WF6/ WF8	1780930000	Bolt-type screw terminals, Cover profile, Transparent, 1000 mm	4032248241248	1 m
HA ADP WF6/ WF10	1781050000	Bolt-type screw terminals, Cover profile, Dark Beige, 2.2 mm	4032248241231	10 pc(s).

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Accessories

End brackets



Klippon® Connect with clamping yoke Technology
The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WEW 35/2	1061200000	W-Series, End bracket	4008190030230	100 pc(s).

Cross-connections



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WQL 3 WF6	1780980000	Bolt-type screw terminals, Cross-connector, No. of poles: 3	4032248241194	5 pc(s).
WQL 2 WF6	1780970000	Bolt-type screw terminals, Cross-connector, No. of poles: 2	4032248219407	5 pc(s).