

**Bolt-type screw terminals
WF 10**

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 10
Order No.	1780870000
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 120 mm ² , Threaded stud connection
GTIN (EAN)	4032248219353
Qty.	20 pc(s).

**Bolt-type screw terminals
WF 10**

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

Technical data**Dimensions and weights**

Width	33.8 mm	Width (inches)	1.331 inch
Height	67 mm	Height (inches)	2.638 inch
Depth	72.5 mm	Depth (inches)	2.854 inch
Net weight	85.3 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	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)	320 A
Voltage size C (CSA)	1000 V	Wire cross section max. (CSA)	250 kcmil
Wire cross section min. (CSA)	10 AWG		

Conductors for clamping (rated connection)

2 x cable lugs DIN 46 234	6...120 mm ²	2 x cable lugs DIN 46 235	10...95 mm ²
Cable lug to DIN 46234	6...120 mm ²	Cable lug to DIN 46235	10...95 mm ²
Clamping range, rated connection, max.	120 mm ²	Clamping range, rated connection, min.	6 mm ²
Number of connections	1	Stud size for spade connection	M 10
Tightening torque, max.	20 Nm	Tightening torque, min.	10 Nm
Type of connection	Threaded stud connection		

Rating data

Rated cross-section	120 mm ²	Rated voltage	1,000 V
Voltage with epoxy resin partition plate	2,300 V	Rated current	269 A
Current at maximum wires	269 A	Volume resistance according to IEC 60947-7-x	0.12 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
-------------------------	--------

Creation date October 23, 2017 3:13:38 PM CEST

Catalogue status 06.10.2017 / We reserve the right to make technical changes.

**Bolt-type screw terminals
WF 10**

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

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 UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.
Descriptive text technical data	The WQL 2 for WF 6 on the WF 10 is available under Order no. 1806620000.
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	DE_PT1004_20160418_837_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S

Safety note

Safety notice [Safety Information](#)

Data sheet

**Bolt-type screw terminals
WF 10**

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

Drawings



**Bolt-type screw terminals
WF 10**

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

Accessories

Potential distribution



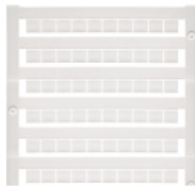
Klippon® Connect with stud Technology

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	Order No.	Version	GTIN (EAN)	Qty.
SMSE	1868880000	Bolt-type screw terminals,	4032248499755	10 pc(s).
WF10/2XM6		Busbar, No. of poles:		

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

General ordering data

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

**Bolt-type screw terminals
WF 10**

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

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 easier 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).

Shrouding covers



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	Order No.	Version	GTIN (EAN)	Qty.
HA ADP WF6/ WF10	1781050000	Bolt-type screw terminals, Cover profile, Dark Beige, 2.2 mm	4032248241231	10 pc(s).
ADP WF10/ WF12	1780940000	Bolt-type screw terminals, Cover profile, Transparent, 1000 mm	4032248241255	1 m

**Bolt-type screw terminals
WF 10**

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

Accessories
Cross-connections

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	Order No.	Version	GTIN (EAN)	Qty.
WQL 2 WF10	1781010000	Bolt-type screw terminals, Cross-connector, No. of poles: 2	4032248219421	5 pc(s).
WQL 3 WF10	1781020000	Bolt-type screw terminals, Cross-connector, No. of poles: 3	4032248241217	5 pc(s).
WQL 4 WF10	1027840000	Bolt-type screw terminals, Cross-connector, No. of poles: 4	4032248779956	5 pc(s).

Partition plates

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	Order No.	Version	GTIN (EAN)	Qty.
WTW WF10/ WF12 2300	1780920000	Bolt-type screw terminals, Seperation plate, Grey, 2 mm	4032248241149	20 pc(s).
WTW WF10/ WF12	1780890000	Bolt-type screw terminals, Seperation plate, Dark Beige, 3 mm	4032248219391	20 pc(s).

**Bolt-type screw terminals
WF 10**

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

Accessories

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

General ordering data

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