Weidmüller

Bolt-type screw terminals
WF 10 NFF

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 10 NFF
Order No.	1968950000
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 120 mm², Threaded stud connection
GTIN (EAN)	4032248702862
Qty.	20 pc(s).

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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	100.7 g		

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	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	Number of clamping points per level	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35		

Additional technical data

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

Conductors for clamping (rated connection)

Cable lug to DIN 46234	6...120 mm²	Cable lug to DIN 46235	10...95 mm²
Clamping range, max.	120 mm²	Clamping range, min.	6 mm²
Number of connections	1	Stud size for spade connection	M 10
Tightening torque, max.	36 Nm	Tightening torque, min.	30 Nm
Type of connection	Threaded stud connection		

Dimensions

TS 35 offset	31.5 mm

Rating data

Rated cross-section	120 mm²	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
Power loss in accordance with IEC 60947-7-x	8.61 W	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

Cable lug to DIN 46234	6...120 mm²	Cable lug to DIN 46235	10...95 mm²
Impulse voltage with epoxy resin partition plate	12 kV	Stud size for spade connection	M 10
Tightening torque, max.	36 Nm	Tightening torque, min.	30 Nm
Voltage with epoxy resin partition plate	2,300 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20
eClass 10.0	27-14-11-20	UNSPSC	30-21-18-11

Approvals

Approvals	EAC
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1004_20160418_838_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information

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Accessories

Partition plates

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General ordering data

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

Cross-connections

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General ordering data

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

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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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	WEW 35/2	Version	
Order No.	1061200000	W-Series, End bracket	
GTIN (EAN)	4008190030230		
Qty.	100 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	WS 15/5 MC NE WS	Version	
Order No.	1609880000	WS, Terminal marker, 15 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,	
GTIN (EAN)	4008190203504	Allen-Bradley, white	
Qty.	480 pc(s).		

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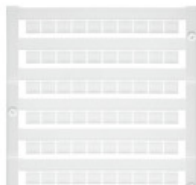# WF 10 NFF

Accessories

Potential distribution

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General ordering data

Type	SMSE WF10/2XM6	Version	
Order No.	1868880000	Bolt-type screw terminals, Busbar, Number of poles:	
GTIN (EAN)	4032248499755		
Qty.	10 pc(s).		
Type	WZAF 120	Version	
Order No.	1066300000	W-Series, Additional connection	
GTIN (EAN)	4008190024642		
Qty.	10 pc(s).		

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

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Accessories

Shrouding covers

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General ordering data

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

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