

WF 6 NFF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

The comprehensive range of stud terminals ensures secure connections for all power transmission applications. Connections range from 10 mm² to 300 mm². The connectors are attached to the threaded pins using crimped cable lugs and each connection is secured by tightening the hexagon nut. Stud terminals with threaded pins from M5 to M16 can be used according to the wire cross-section.

General ordering data

Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 35 mm ² , Threaded stud connection
Order No.	1969000000
Type	WF 6 NFF
GTIN (EAN)	4032248726608
Qty.	25 pc(s).

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Technical data

Dimensions and weights

Depth	54.5 mm	Depth (inches)	2.146 inch
Height	67 mm	Height (inches)	2.638 inch
Width	17.8 mm	Width (inches)	0.701 inch
Net weight	29.76 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °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 potentials	1	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)

2 x cable lugs DIN 46 234	2.5 to 35 mm ²	2 x cable lugs DIN 46 235	6...25 mm ²
Cable lug to DIN 46234	2.5...35 mm ²	Cable lug to DIN 46235	6...35 mm ²
Clamping range, max.	35 mm ²	Clamping range, min.	2.5 mm ²
Connection cross-section, stranded, max.	35 mm ²	Connection cross-section, stranded, min.	2.5 mm ²
Connection direction	on side	Number of connections	1
Stud size for spade connection	M 6	Tightening torque, max.	7 Nm
Tightening torque, min.	5.8 Nm	Type of connection	Threaded stud connection
Wire connection cross section AWG, max.	AWG 2	Wire connection cross section AWG, min.	AWG 12
Wire connection cross section, finely stranded, max.	35 mm ²	Wire connection cross section, finely stranded, min.	2.5 mm ²
Wire connection cross-section, solid core, max.	35 mm ²	Wire connection cross-section, solid core, min.	2.5 mm ²

Dimensions

TS 35 offset	31.5 mm
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General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 2	Wire connection cross section AWG, min.	AWG 12

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Technical data

Rating data

Rated cross-section	35 mm ²	Rated voltage	1,000 V
Rated DC voltage	1,000 V	Voltage with epoxy resin partition plate	2,300 V
Rated current	125 A	Current at maximum wires	125 A
Standards	IEC 60947-7-1	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
Power loss in accordance with IEC 60947-7-x	4 W	Pollution severity	3

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-01	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	CE Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings



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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 PrintJet CONNECT oder/or Plotter 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).	

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon[®] Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	

Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	

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Accessories

WF/WFF-Series

The additional connection enables a separate voltage tap. This can be used, for example, for the emergency power supply before the main switch or simply as an additional connection within the application.

General ordering data

Type	WZAF 35	Version
Order No.	1070500000	Auxiliary connection (terminal)
GTIN (EAN)	4008190024512	
Qty.	10 pc(s).	

Standard

Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.



General ordering data

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

W-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	WEW 35/2	Version
Order No.	1061200000	End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 °C
GTIN (EAN)	4008190030230	
Qty.	50 pc(s).	

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www.weidmueller.com**Accessories****WF / WFF-Series****WF/WFF**
Series

A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

General ordering data

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

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Accessories

DEK 5/6



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

Type	DEK 5/6 MM WS	Version
Order No.	2007120000	Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118392104	
Qty.	600 pc(s).	

Step-down bridges



Reducing cross-connectors enable simple and fast connection of terminal blocks with different rated cross-sections.

General ordering data

Type	WQL 2 WF6-10	Version
Order No.	1806620000	Bolt-type screw terminals, Cross-connector, Number of poles: 2
GTIN (EAN)	4032248294732	
Qty.	5 pc(s).	
Type	WQL 3 WF6-10/2	Version
Order No.	1806640000	Bolt-type screw terminals, Cross-connector, Number of poles: 3
GTIN (EAN)	4032248294695	
Qty.	5 pc(s).	

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Accessories

Type	WQL 4 WF8-6/3	Version
Order No.	1904960000	Bolt-type screw terminals, Cross-connector, Cross-connector, Number
GTIN (EAN)	4032248756780	of poles: 4
Qty.	5 pc(s).	

Cover profiles



Cover profiles provide protection against external impact on functional areas of the terminal blocks or in combination with our support brackets for the entire terminal strip. They provide protection against electric shock caused by accidental contact with live parts due to operation or faults.

General ordering data

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).	
Type	ADP WF6/WF8	Version
Order No.	1780930000	Bolt-type screw terminals, Cover profile, Transparent, 1000 mm
GTIN (EAN)	4032248241248	
Qty.	1 m	