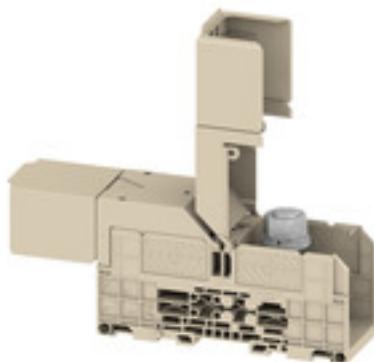


**WFF 300/AH O.PS**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)



The comprehensive range of stud terminals ensures secure connections for all power transmission applications. Connections range from 10 mm<sup>2</sup> to 300 mm<sup>2</sup>. 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: 300 mm <sup>2</sup> , Threaded stud connection
Order No.	<a href="#">1878650000</a>
Type	WFF 300/AH O.PS
GTIN (EAN)	4032248481194
Qty.	6 pc(s).

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## Technical data

## Dimensions and weights

Depth	85.5 mm	Depth (inches)	3.366 inch
Depth including DIN rail	94 mm	Height	163 mm
Height (inches)	6.417 inch	Width	55 mm
Width (inches)	2.165 inch	Net weight	559.68 g

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

## Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

## System specifications

End cover plate required	No	Number of potentials	1
Number of levels	1	Number of clamping points per level	2
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

## Additional technical data

Explosion-tested version	Yes	Open sides	closed
Snap-on	Yes	Type of mounting	TS 35

## Conductors for clamping (rated connection)

2 x cable lugs DIN 46 234	25 to 240 mm <sup>2</sup>	2 x cable lugs DIN 46 235	50...240 mm <sup>2</sup>
Cable lug to DIN 46234	25...240 mm <sup>2</sup>	Cable lug to DIN 46235	50...300 mm <sup>2</sup>
Clamping range, max.	300 mm <sup>2</sup>	Clamping range, min.	25 mm <sup>2</sup>
Connection cross-section, stranded, max.	300 mm <sup>2</sup>	Connection cross-section, stranded, min.	25 mm <sup>2</sup>
Connection direction	on side	Number of connections	2
Stud size for spade connection	M 16	Tightening torque, max.	60 Nm
Tightening torque, min.	25 Nm	Type of connection	Threaded stud connection
Wire connection cross section AWG, min.	AWG 4	Wire connection cross section, finely stranded, max.	240 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	25 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	240 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	25 mm <sup>2</sup>		

## General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, min.	AWG 4		

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## Technical data

## Rating data

Rated cross-section	300 mm <sup>2</sup>	Rated voltage	1,000 V
Rated DC voltage	1,500 V	Rated current	520 A
Current at maximum wires	520 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.06 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	16.64 W	Pollution severity	3
Surge voltage category	III		

## UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	600 kcmil
Conductor size Factory wiring min. (UR)	6 AWG	Conductor size Field wiring max. (UR)	600 kcmil
Conductor size Field wiring min. (UR)	6 AWG	Current size C (UR)	500 A
Voltage size C (UR)	1000 V		

## 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		

## Approvals

## Approvals



Approvals MAMID	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319217/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319217/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319231/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319231/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a>
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

## Environmental Product Compliance

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

## Important note

Product information	Cover without testhole
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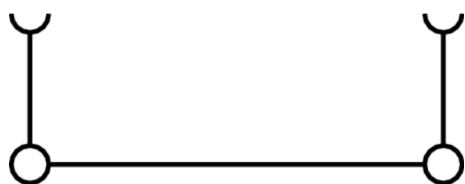
**Technical data****Downloads**

Approval/Certificate/Document of Con-formity	<a href="#">CB Certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">UKCA declaration of conformity</a> <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">PCN WFF</a>
User Documentation	<a href="#">Storage</a> <a href="#">Conditions</a> <a href="#">TerminalBlocks</a> <a href="#">WFF range for 1500 VDC applications</a> <a href="#">DIRECT MOUNTING WFF TERMINAL BLOCKS</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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**Drawings**

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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 300	Version
Order No.	<a href="#">1066500000</a>	Auxiliary connection (terminal)
GTIN (EAN)	4008190157579	
Qty.	10 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 snaped 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.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	
Type	BZT 1 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	

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**Accessories****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 WFF300	Version
Order No.	<a href="#">1065800000</a>	Bolt-type screw terminals, Cross-connector, Number of poles: 3
GTIN (EAN)	4008190031312	
Qty.	5 pc(s).	
Type	WQL 2 WFF300	Version
Order No.	<a href="#">1065300000</a>	Bolt-type screw terminals, Cross-connector, Number of poles: 2
GTIN (EAN)	4008190110000	
Qty.	5 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 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 12/6.5 MC NE WS	Version
Order No.	<a href="#">1609920000</a>	WS, Terminal marker, 12 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190203511	Weidmueller, Allen-Bradley, white
Qty.	540 pc(s).	

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**Accessories****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 35/1	Version
Order No.	<a href="#">1059000000</a>	End bracket, dark beige, TS 35, V-2, Wemid, Width: 12 mm, 100 °C
GTIN (EAN)	4008190172282	
Qty.	50 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

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**General ordering data**

Type	DEK 5/5 MC NE WS	Version
Order No.	<a href="#">1609801044</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	

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## Accessories

## Protective covers



Protective covers or protective caps are attached to the respective connection area of the terminal blocks. They provide protection against electric shock caused by accidental contact with live parts due to operation or faults.

## General ordering data

Type	WAH 185/300 BE	Version
Order No.	<a href="#">1064760000</a>	Bolt-type screw terminals, Hood, beige, 54 mm
GTIN (EAN)	4008190108267	
Qty.	10 pc(s).	
Type	WAH 185/300 BL	Version
Order No.	<a href="#">1064780000</a>	Bolt-type screw terminals, Hood, blue, 54 mm
GTIN (EAN)	4008190103200	
Qty.	10 pc(s).	

## DEK 5/7.5



## 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 5/7.5 MM WS	Version
Order No.	<a href="#">2619920000</a>	Dekafix, Terminal marker, 5 x 7.5 mm, Weidmueller, white
GTIN (EAN)	4050118626162	
Qty.	500 pc(s).	

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## Accessories

## WS 12/6.5

**WS/ DEK**

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- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

## General ordering data

Type	WS 12/6.5 MM WS	Version
Order No.	<a href="#">2619930000</a>	WS, Terminal marker, 12 x 6.5 mm, Weidmueller, white
GTIN (EAN)	4050118626155	
Qty.	600 pc(s).	

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## Accessories

## Blank



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## General ordering data

Type	DEK 5/7.5 MC NE WS	Version
Order No.	<a href="#">1720620000</a>	Dekafix, Terminal marker, 5 x 7.5 mm, Pitch in mm (P): 7.50
GTIN (EAN)	4008190362300	Weidmüller, white
Qty.	320 pc(s).	