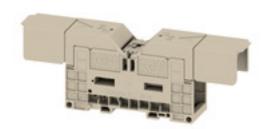


Weidmüller Interface GmbH & Co. KG Klingenbergstraße 26 D-32758 Detmold

Germany

www.weidmueller.com

Product image







Similar to illustration

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

Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 185 mm², Threaded stud connection
Order No.	<u>1029600000</u>
Туре	WFF 185/AH
GTIN (EAN)	4008190106188
Qty.	2 pc(s).



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Technical data

-	-		
Dım	ensions	and	weights

Depth	89.5 mm	Depth (inches)	3.524 inch
Depth including DIN rail	87 mm	Height	287 mm
Height (inches)	11.299 inch	Width	55 mm
Width (inches)	2.165 inch	Weight	455 g
Net weight	466.43 g		

Temperatures

Storage temperature	-25 °C55 °C	Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex- Certificate of Conformity
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		

Rating data IECEx/ATEX

Certificate No. (IECEX)	IECEXKEM07.0053U	Max. voltage (IECEX)	1100 V
Current (IECEX)	307 A	Wire cross section max. (IECEX)	185 mm²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex- Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

System specifications

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

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1	
Open sides	closed	Type of mounting	Snap-on	

CSA rating data

Certificate No. (CSA)	200039-1244019	Current size C (CSA)	360 A
Current size D (CSA)	5 A	Voltage size C (CSA)	600 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	500 kcmil
Wire cross section min. (CSA)	8 AWG		

Conductors for clamping (rated connection)

2 x cable lugs DIN 46 234	10185 mm²	2 x cable lugs DIN 46 235	25185 mm ²
Cable lug to DIN 46234	10240 mm ²	Cable lug to DIN 46235	25240 mm ²
Clamping range, max.	240 mm ²	Clamping range, min.	10 mm²
Number of connections	2	Stud size for spade connection	M 12
Tightening torque, max.	31 Nm	Tightening torque, min.	14 Nm
Type of connection	Threaded stud connection		



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Technical data

General

Rail	TS 35		
Rating data			
	405		4.000.1/
Rated cross-section	185 mm²	Rated voltage	1,000 V
Rated DC voltage	1,500 V DC	Rated current	353 A
Current at maximum wires		Volume resistance according to IE	EC
	415 A	60947-7-x	$0.09~\text{m}\Omega$
Rated impulse withstand voltage	•	Power loss in accordance with IEC	С
_	8 kV	60947-7-x	11.3 W

3

UL rating data

Pollution severity

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	500 AWG
Conductor size Factory wiring min. (UR)	8 AWG	Conductor size Field wiring max. (UR)	500 AWG
Conductor size Field wiring min. (UR)	8 AWG	Current size C (UR)	380 A
Voltage size C (UR)	1000 V		

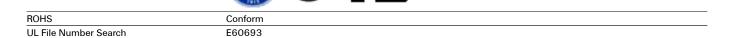
Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	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		

Approvals

Approvals







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Technical data

Downloads

Approval/Certificate/Document of	Attestation of Conformity
Conformity	CB Certificate
	EAC certificate
	DNVGL certificate
	MARITREG Certificate
	CCC Ex Certificate
	ATEX Certificate
	IECEx Certificate
	CE Declaration of Conformity
	CE Declaration of Conformity all terminals
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Cross Connection Guide
	StorageConditionsTerminalBlocks
	WFF range for 1500 VDC applications
	DIRECT MOUNTING WFF TERMINAL BLOCKS
	<u>NTI WFF 185</u>
Catalogues	Catalogues in PDF-format
Brochures	



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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 12/6.5 MC NE WS
Order No. 1609920000
GTIN (EAN) 4008190203511
Oty. 540 pc(s).

Version

WS, Terminal marker, 12 x 6.5 mm, Pitch in mm (P): 6.50

Weidmueller, Allen-Bradley, white

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
Order No. 1059000000
GTIN (EAN) 4008190172282
Oty. 50 pc(s).

Version

W-Series, End bracket



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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

Туре	WQL 2 WFF185	Version
Order No.	1065200000	Bolt-type screw terminals, Cross-connector, Number of poles: 2
GTIN (EAN)	4008190044855	
Qty.	5 pc(s).	
Туре	WQL 3 WFF185	Version
Order No.	<u>1065700000</u>	Bolt-type screw terminals, Cross-connector, Number of poles: 3
GTIN (EAN)	4008190140885	
Qty.	5 pc(s).	

WS 12/6.5



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

Туре	WS 12/6.5 MM WS	Version
Order No.	<u>2619930000</u>	WS, Terminal marker, 12 x 6.5 mm, Weidmueller, white
GTIN (EAN)	4050118626155	
Qty.	600 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

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

Custom printing



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 SDR	Version
Order No.	<u>1609930000</u>	WS, Terminal marker, 12 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190456665	Weidmueller, Allen-Bradley, To customer specification
Qty.	108 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 185

Order No. 1066400000

GTIN (EAN) 4008190031985

10 pc(s).

Version

W-Series, Additional connection

Blank

Qty.



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

1,000 pc(s).

Qty.

 Type
 DEK 5/5 MC NE WS
 Version

 Order No.
 1609801044
 Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00

 GTIN (EAN)
 4008190397111
 Weidmueller, white



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Accessories

Test plugs



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type PS 4 F.STB 4
Order No. 0299600000
GTIN (EAN) 4008190074043
Oty. 20 pc(s).

version

Accessories, Test plug

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

<u>Weidmuller</u>: 1029600000