

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: 120 mm ² . Threaded stud con-
	nection, Direct mounting
Order No.	<u>1028500000</u>
Туре	WFF 120
GTIN (EAN)	4008190004866
Qty.	5 pc(s).



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Technical data

-	-		
Dim	ensions	and	weights

Depth	72 mm	Depth (inches)	2.835 inch
Depth including DIN rail	80.5 mm	Height	132 mm
Height (inches)	5.197 inch	Width	42 mm
Width (inches)	1.654 inch	Net weight	246.662 g

Temperatures

Storage temperature	-25 °C55 °C	Ambient temperature	-5 °C40 °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		

Rating data IECEx/ATEX

Certificate No. (IECEX)	IECEXULD15.0004U	Max. voltage (IECEX)	1100 V
Current (IECEX)	269 A	Wire cross section max. (IECEX)	120 mm²
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 potentials	1
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	Installation advice	Direct mounting
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)	310 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	250 kcmil
Wire cross section min. (CSA)	10 AWG		



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Technical data

Conductors for clamping (rated connection)

2 x cable lugs DIN 46 234	6 to 120 mm ²	2 x cable lugs DIN 46 235	16120 mm²
Cable lug to DIN 46234	6150 mm ²	Cable lug to DIN 46235	16150 mm²
Clamping range, max.	150 mm ²	Clamping range, min.	6 mm ²
Connection cross-section, stranded, max.	150 mm²	Connection cross-section, stranded, mi	n. 6 mm²
Connection direction	on side	Number of connections	2
Stud size for spade connection	M 10	Tightening torque, max.	20 Nm
Tightening torque, min.	10 Nm	Type of connection	Threaded stud connection
Wire connection cross section AWG, max.	kcmil 250	Wire connection cross section AWG, min.	AWG 8
Wire connection cross section, finely stranded, max.	150 mm²	Wire connection cross section, finely stranded, min.	6 mm²
Wire connection cross-section, solid core, max.	150 mm²	Wire connection cross-section, solid core, min.	6 mm²
General			
Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	kcmil 250
Wire connection cross section AWG, min.	AWG 8		

Rating data

Rated cross-section	120 mm ²	Rated voltage	1,000 V
Rated DC voltage	1,500 V	Rated current	269 A
Current at maximum wires	309 A	Standards	IEC 60947-7-1
Volume resistance according to IEC		Rated impulse withstand voltage	
60947-7-x	$0.12~\text{m}\Omega$		8 kV
Power loss in accordance with IEC		Pollution severity	
60947-7-x	8.61 W		3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	250 kcmil
Conductor size Factory wiring min. (UR)	10 AWG	Conductor size Field wiring max. (UR)	250 kcmil
Conductor size Field wiring min. (UR)	10 AWG	Current size C (UR)	310 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		

Environmental Product Compliance

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



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Technical data

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319217/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319227/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319231/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319213/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319240/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319244/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319250/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319253/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/ https://
	mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

Downloads

Approval/Certificate/Document of Con-	Attestation of Conformity
formity	UKCA Ex Attestation of Conformity
	<u>CB Certificate</u>
	POLSKIREJ certificate
	CCC Ex Certificate
	ATEX Certificate
	<u>IECEx Certificate</u>
	UKCA Ex Certificate
	DNV Certificate
	CE Declaration of Conformity
	UKCA declaration of conformity
	Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Product Change Notification	<u>PCN WFF</u>
User Documentation	<u>StorageConditionsTerminalBlocks</u>
	WFF range for 1500 VDC applications
	DIRECT MOUNTING WFF TERMINAL BLOCKS
	NTI WFF 120
Catalogues	Catalogues in PDF-format
Brochures	



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Drawings





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

Step-down bridges



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

General ordering data

Type SMSE WF10/2XM6
Order No. <u>1868880000</u>

GTIN (EAN) 4032248499755 Qty. 4032248499755 Bolt-type screw terminals, Busbar, Number of poles:

120 mm²



The use of insulated connectors guarantees users consistent electrical connection quality in the long term.

- Wide range of insulated and non-insulated cable lugs and connectors
- Tubular cable lugs according to current market standards (Euroseries)
- Compression cable lugs acc. to DIN 46235
- Sheet metal cable lugs acc. to DIN 46234
- Insulated ring cable lugs to DIN 46237
- Insulated pin cable lugs to DIN 46231

General ordering data

Type KRN-M10/-120
Order No. 1495650000
GTIN (EAN) 4050118305289
Qty. 25 pc(s).

Version

cable lug, terminal end,120 mm²



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold

Germany

www.weidmueller.com

Accessories

120 mm²



The use of insulated connectors guarantees users consistent electrical connection quality in the long term.

- Wide range of insulated and non-insulated cable lugs and connectors
- Tubular cable lugs according to current market standards (Euroseries)
- Compression cable lugs acc. to DIN 46235
- Sheet metal cable lugs acc. to DIN 46234
- Insulated ring cable lugs to DIN 46237
- Insulated pin cable lugs to DIN 46231

General ordering data

Type KRN-M10/-120 S
Order No. 1494920000
GTIN (EAN) 4050118304626
Oty. 10 pc(s).

Version

cable lug, terminal end, 120 mm²

185 mm²



The use of insulated connectors guarantees users consistent electrical connection quality in the long term.

- Wide range of insulated and non-insulated cable lugs and connectors
- Tubular cable lugs according to current market standards (Euroseries)
- Compression cable lugs acc. to DIN 46235
- Sheet metal cable lugs acc. to DIN 46234
- Insulated ring cable lugs to DIN 46237
- Insulated pin cable lugs to DIN 46231

General ordering data

Type KRN-M12/-185 S
Order No. 1494990000
GTIN (EAN) 4050118304169
Oty. 10 pc(s).

Version

cable lug, terminal end, 185 mm²



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

120 mm²



The use of insulated connectors guarantees users consistent electrical connection quality in the long term.

- Wide range of insulated and non-insulated cable lugs and connectors
- Tubular cable lugs according to current market standards (Euroseries)
- Compression cable lugs acc. to DIN 46235
- Sheet metal cable lugs acc. to DIN 46234
- Insulated ring cable lugs to DIN 46237
- Insulated pin cable lugs to DIN 46231

General ordering data

Type KQN-M10/-120
Order No. 1493330000
GTIN (EAN) 4050118303070
Qty. 25 pc(s).

Version

cable lug, terminal end, 120 mm²

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 WFF120

Order No. 1067300000

GTIN (EAN) 4008190093037

Oty. 10 pc(s).

Version

Bolt-type screw terminals, Partition plate, grey, 2 mm



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

Marker holder

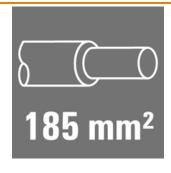


The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snaped together and could be mounted in all standard marking channels of the Klippon[®] Connect modular terminal blocks. Fitting marker types could be found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

General ordering data

Туре	BZT 1 WS 10/5	Version
Order No.	<u>1805490000</u>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	
Туре	BZT 1 ZA WS 10/5	Version
Type Order No.	BZT 1 ZA WS 10/5 1805520000	Version Accessories, Marker holder
	,	

185 mm²



The use of insulated connectors guarantees users consistent electrical connection quality in the long term.

- Wide range of insulated and non-insulated cable lugs and connectors
- Tubular cable lugs according to current market standards (Euroseries)
- Compression cable lugs acc. to DIN 46235
- Sheet metal cable lugs acc. to DIN 46234
- Insulated ring cable lugs to DIN 46237
- Insulated pin cable lugs to DIN 46231

General ordering data

Туре	KQN-M12/-185	Version
Order No.	1493430000	cable lug, terminal end,185 mm²
GTIN (EAN)	4050118303308	
Qty.	25 pc(s).	



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold

Germany

www.weidmueller.com

Accessories

120 mm²



The use of insulated connectors guarantees users consistent electrical connection quality in the long term.

- Wide range of insulated and non-insulated cable lugs and connectors
- Tubular cable lugs according to current market standards (Euroseries)
- Compression cable lugs acc. to DIN 46235
- Sheet metal cable lugs acc. to DIN 46234
- Insulated ring cable lugs to DIN 46237
- Insulated pin cable lugs to DIN 46231

General ordering data

Type KP-M10/-120
Order No. 1498240000
GTIN (EAN) 4050118307368
Oty. 50 pc(s).

Version

cable lug, terminal end, 120 mm²

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.
 1609930000
 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).



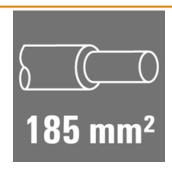
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

185 mm²



The use of insulated connectors guarantees users consistent electrical connection quality in the long term.

- Wide range of insulated and non-insulated cable lugs and connectors
- Tubular cable lugs according to current market standards (Euroseries)
- Compression cable lugs acc. to DIN 46235
- Sheet metal cable lugs acc. to DIN 46234
- Insulated ring cable lugs to DIN 46237
- Insulated pin cable lugs to DIN 46231

General ordering data

KP-M12/-185 Туре 1498360000 Order No. 4050118307726 GTIN (EAN) 25 pc(s).

Version

cable lug, terminal end, 185 mm²

Miscellaneous



We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

General ordering data

CPSB M10 Туре 0156400000 Order No. GTIN (EAN) 4008190049935 50 pc(s).

Qty.

Version

Bolt-type screw terminals, Copper-plated aluminium washer



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

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

Туре	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
Qty.	1,000 pc(s).	

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 120	Version
Order No.	1064660000	Bolt-type screw terminals, Hood, beige, 41 mm
GTIN (EAN)	4008190100797	
Qty.	20 pc(s).	
Туре	WAH 120 BL	Version
Order No.	1064680000	Bolt-type screw terminals, Hood, blue, 41 mm
GTIN (EAN)	4008190063931	
Qty.	20 pc(s).	
Туре	WAP WFF120	Version
Order No.	1073000000	Bolt-type screw terminals, Cover plate, dark beige, 2 mm
GTIN (EAN)	4008190475260	
Qty.	20 pc(s).	

Creation date May 5, 2025 10:55:48 PM CEST



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold

www.weidmueller.com

Germany

Accessories

Type WAH 120/KURZ

Order No. 1070460000 GTIN (EAN) 4008190191047 Oty. 10 pc(s). Version

Bolt-type screw terminals, Hood, beige, 40.6 mm

185 mm²



The use of insulated connectors guarantees users consistent electrical connection quality in the long term.

- Wide range of insulated and non-insulated cable lugs and connectors
- Tubular cable lugs according to current market standards (Euroseries)
- Compression cable lugs acc. to DIN 46235
- Sheet metal cable lugs acc. to DIN 46234
- Insulated ring cable lugs to DIN 46237
- Insulated pin cable lugs to DIN 46231

General ordering data

Type KRN-M12/-185
Order No. 1495440000
GTIN (EAN) 4050118304947
Oty. 25 pc(s).

Version

cable lug, terminal end,185 mm²

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, 12×6.5 mm, Pitch in mm (P): 6.50

Weidmueller, Allen-Bradley, white



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

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 WFF120	Version
Order No.	<u>1065100000</u>	Bolt-type screw terminals, Cross-connector, Number of poles: 2
GTIN (EAN)	4008190133771	
Qty.	5 pc(s).	
Туре	WQL 3 WFF120	Version
Order No.	<u>1065600000</u>	Bolt-type screw terminals, Cross-connector, Number of poles: 3
GTIN (EAN)	4008190021641	
Qty.	5 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

g and			
	Туре	WEW 35/1	Version
	Order No.	<u>1059000000</u>	End bracket, dark beige, TS 35, V-2, Wemid, Width: 12 mm, 100 °C
	GTIN (EAN)	4008190172282	
	Qty.	50 pc(s).	



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

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

Type WS 12/6.5 MM WS
Order No. 2619930000
GTIN (EAN) 4050118626155
Oty. 600 pc(s).

Version

WS, Terminal marker, 12 x 6.5 mm, Weidmueller, white

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

10 pc(s).

 Type
 WZAF 120
 Version

 Order No.
 1066300000
 Auxiliary connection (terminal)

 GTIN (EAN)
 4008190024642

Qty.