

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Product image







Spring connection with PUSH IN Technology

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

Version	PE terminal, PUSH IN, 16 mm ² , 1000 V, white
Order No.	<u>2494010000</u>
Туре	A2C 16 PE
GTIN (EAN)	4050118503876
Qty.	20 pc(s).



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Technical data

Dim	ensions	and	weights
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Dimensions and weights			
Depth	51.5 mm	Depth (inches)	2.028 inch
Depth including DIN rail	52.5 mm	Height	80.5 mm
Height (inches)	3.169 inch	Width	12 mm
Width (inches)	0.472 inch	Net weight	47.857 g
Temperatures	0.1.70.1	.101.1101.9.11	g
Temperatures			
Storage temperature	-25 °C55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		
Material data			
Material	Wemid	Colour	white
Colour of operational elements	orange	UL 94 flammability rating	V-0
Rating data IECEx/ATEX			
Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Wire cross section max. (ATEX)	16 mm²	Wire cross section max. (IECEX)	16 mm²
System specifications			
End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	2
Number of potentials per tier	1	PE connection	Yes
Rail			Yes
PEN function	Yes		
Additional technical data			
Installation advice	Rail	Open sides	right
Snap-on	No	Type of fixing	Snap-on
Type of mounting	TS 35	With snap-in pegs	No
CSA rating data			
Contificate No (CCA)	200020 7000000	Valta va siza B (CCA)	COO.V
Certificate No. (CSA)	200039-70089609 600 V	Voltage size B (CSA) Voltage size D (CSA)	600 V 600 V
Voltage size C (CSA)			
Wire cross section max. (CSA)	6 AWG	Wire cross section min. (CSA)	10 AVVG



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Technical data

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	16 mm ²
Clamping range, min.		Connection cross-section, stranded,	
	0.5 mm ²	max.	16 mm ²
Connection cross-section, stranded		Connection direction	top
Gauge to IEC 60947-1	A6	Number of connections	2
Stripping length	18 mm	Twin wire-end ferrules, max.	6 mm ²
Twin wire-end ferrules, min.	0.75 mm ²	Type of connection	PUSH IN
Wire connection cross section AW(Wire connection cross section AWG,	
max.	AWG 4	min.	AWG 18
Wire connection cross section, fine stranded, max.	ıy 16 mm²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, fine stranded with wire-end ferrules DIN	ly I	Wire connection cross-section, finely stranded with wire-end ferrules DIN	
46228/1, max.	16 mm ²	46228/1, min.	0.5 mm ²
Wire connection cross-section, fine stranded with wire-end ferrules DIN 46228/4, max.	•	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²
Wire connection cross-section, solid		Wire connection cross-section, solid	
core, max.	16 mm²	core, min.	0.5 mm ²
General			
Jeneral			
nstallation advice	Rail	Rail	TS 35
Standards	Hall	Wire connection cross section AWG,	
nanalus	IEC 60947-7-2	max.	AWG 4
Wire connection cross section AWO			
nin.	AVVG 18		
PE rating data			
Rated short-time current	1920 A (16 mm²)	PEN function	Yes
Rating data			
Rated cross-section	16 mm²	Rated voltage	1,000 V
Rated voltage to adjoining terminal	1,000 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	0.42 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC		Pollution severity	
60947-7-x	2.43 W		3
Surge voltage category	III		
UL rating data			
Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	6 AWG
Conductor size Factory wiring min. (cURus)	18 AWG	Conductor size Field wiring max. (cU	6 AWG
Conductor size Field wiring min. (cl	-	Voltage size B (cURus)	600 V
Voltage size C (cURus)	600 V	Voltage size D (cURus)	600 V
Classifications			
ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 6.0 ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ETIM 6.0			

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Technical data

Approvals

Approvals





ROHS	Conform
UL File Number Search	E60693

Downloads

DE PT0102 20180316 003 ISSUE01.pdf
Attestation of Conformity
IECEx Certificate
ATEX Certificate
EAC certificate
DNVGL certificate
MARITREG certificate
CCC Ex Certificate
CAD data – STEP
<u>EPLAN</u>
Klippon® Connect 2494010000 DE
Klippon® Connect 2494010000 EN
<u>StorageConditionsTerminalBlocks</u>
NTI A2C 16
BPZL AXC 1.5-16
Catalogues in PDF-format



Weidmüller Interface GmbH & Co. KG

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Accessories

Custom printing



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.

Туре	DEK 5/8 PLUS MC SDR	Version
Order No.	1046370000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248782079	Weidmueller, To customer specification
Qty.	160 pc(s).	
Туре	DEK 5/8 MC SDR	Version
Type Order No.	DEK 5/8 MC SDR 1856750000	Version Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
• •	· ·	



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Accessories

WS 8/8



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

Туре	WS-A 8/8 MM WS	Version
Order No.	<u>2448930000</u>	WS, Terminal marker, 8 x 8.1 mm, Weidmueller, white
GTIN (EAN)	4050118462982	
Qty.	500 pc(s).	
Туре	WS 8/8 MM WS	Version
Order No.	<u>2007170000</u>	WS, Terminal marker, 8 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392043	
Qty.	500 pc(s).	



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Accessories

WS 12/8



WS/ DEK

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Туре	WS 12/8 MM WS	Version
Order No.	<u>2007210000</u>	WS, Terminal marker, 12 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392050	
Qty.	500 pc(s).	
Туре	WS-A 12/8 MM WS	Version
Order No.	<u>2448920000</u>	WS, Terminal marker, 12 x 8.1 mm, Weidmueller, white
GTIN (EAN)	4050118462975	
Qty.	500 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.

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General ordering data

DEK 5/8 MC NE WS

Order No. 1856740000

4032248400850

GTIN (EAN) Qty. 800 pc(s). Version

Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00

Weidmueller, white

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 Zseries. 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

WS 12/8 PLUS MC NE WS

Order No. 1906000000

GTIN (EAN) 4032248528158

420 pc(s). Qty.

Version

WS, Terminal marker, 12 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,



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Accessories

Plus



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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

DEK 5/8 PLUS MC NE WS

800 pc(s).

1046350000

4032248782055

Version

Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00

Weidmueller, white

A-Series

Order No.

Qty.

GTIN (EAN)



Warning covers with a flash symbol provide more safety for man and machine. They are used where external voltage must be indicated within the application.

General ordering data

Туре AAM 16 YE FLASH 2635590000 Order No. GTIN (EAN) 4050118674538 Qty. 40 pc(s).

Version

Terminal marker, 14 x 12 mm, yellow



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Accessories

Custom printing



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General ordering data

WS 12/8 PLUS MC SDR Туре

1906010000

4032248528165

GTIN (EAN) 84 pc(s). Qtv.

WS, Terminal marker, 12 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,

To customer specification

A-Series

Order No.



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

Туре ATPG 1.5-10 L Order No. 1991890000 GTIN (EAN) 4050118376647 50 pc(s). Qty.



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Accessories

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General ordering data

Type WS 10/8 PLUS MC SDR
Order No. 1906030000
GTIN (EAN) 4032248528196
Oty. 84 pc(s).

Version

WS, Terminal marker, 10 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,

To customer specification

WS 8/12



WS/ DEK

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Your benefits with MultiMark

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- · 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-A 8/12 MM WS
Order No. 2619900000
GTIN (EAN) 4050118626186
Oty. 300 pc(s).

Version

WS, Terminal marker, 8 x 12 mm, Weidmueller, white

Creation date January 30, 2022 9:42:09 PM CET



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Accessories

A-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.

AEB 35 SCL/1 VO GY	Version
<u>2661290000</u>	A-series, End bracket
1050118702170	
20 pc(s).	
AEB 35 SC/1	Version
<u>1991920000</u>	A-series, End bracket
1050118376722	
50 pc(s).	
AEB 35 SC/1 BK	Version
<u>2475310000</u>	A-series, End bracket
1050118487114	
50 pc(s).	
AEB 35 SCL/1 VO BK	Version
<u>2661300000</u>	A-series, End bracket
1050118702187	
20 pc(s).	
AEB 35 SCL/1 V0	Version
<u>2661280000</u>	A-series, End bracket
1050118702163	
20 pc(s).	
2 4 2 4 5 4 2 4 2 4 2 4 2 4	661290000 050118702170 0 pc(s). EB 35 SC/1 991920000 050118376722 0 pc(s). EB 35 SC/1 BK 475310000 050118487114 0 pc(s). EB 35 SCL/1 V0 BK 661300000 050118702187 0 pc(s). EB 35 SCL/1 V0 BK



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Accessories

DEK 5/8



WS/ DEK

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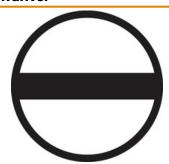
Your benefits with MultiMark

- Firm hold and durable printing
- · Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
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General ordering data

Туре	DEK 5/8 MM WS	Version
Order No.	2007130000	Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392012	
Qty.	500 pc(s).	
Туре	DEK-A 5/8 MM WS	Version
Type Order No.	DEK-A 5/8 MM WS 2448860000	Version Dekafix, Terminal marker, 5 x 8.1 mm, Weidmueller, white
	,	

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

Туре	SDS 1.0X5.5X150	Version
Order No.	<u>2749380000</u>	Screwdriver, Blade width (B): 5.5 mm, Blade length: 150 mm, Blade
GTIN (EAN)	4050118895605	thickness (A): 1 mm
Qty.	1 pc(s).	



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Accessories

Blank



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- Markers in proven MultiCard format

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General ordering data

 Type
 WS 10/8 PLUS MC NE WS
 Version

 Order No.
 1905950000
 WS, Terminal marker, 10 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,

 GTIN (EAN)
 4032248528103
 white

 Oty.
 420 pc(s).

10/16 mm²



End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

Туре	AEP 2C 10/16 BL	Version
Order No.	2490390000	A-series, End plate
GTIN (EAN)	4050118500837	
Qty.	20 pc(s).	
Туре	AEP 2C 10/16	Version
	7 LEI 20 10, 10	• 5151511
Order No.	<u>2490380000</u>	A-series, End plate
	,	



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Accessories

Digital multimeters



Multimeters are capable of measuring a number of variables. Each instrument can measure voltage and resistance, as well as performing continuity and diode testing as standard.

In addition, the individual multimeters also feature extra measuring options such as current, frequency, capacitance and temperature. Digital multimeters have the advantage of a clear display which can be read easily and directly. With these instruments, mistakes arising from faulty conversion of the measuring ranges or misreading the display are a thing of the past.

General ordering data

Type ZUB MULTIMETER
Order No. 9205270000
GTIN (EAN) 4032248723522
Qty. 1 pc(s).

Version Multimeter

Creation date January 30, 2022 9:42:09 PM CET

Mouser Electronics

Authorized Distributor

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<u>Weidmuller</u>: 2494010000