

#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

# **Product image**





To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

#### General ordering data

Version	Feed-through terminal, PUSH IN, 6 mm², 800 V,
	41 A, dark beige
Order No.	<u>1992110000</u>
Туре	A2C 6
GTIN (EAN)	4050118377064
Qty.	50 pc(s).

# **Technical data**



## Weidmüller Interface GmbH & Co. KG

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Danath			1 701 in al
Depth	45.5 mm Depth (inches) ding DIN rail 46 mm Height		1.791 inch 66.5 mm
Depth including DIN rail	2.618 inch	<del>Height</del>	
Height (inches) Width (inches)	0.319 inch	Net weight	8.1 mm
wiath (incres)	0.3 19 Inch	Netweight	16.37 g
Temperatures			
Storage temperature	-25 °C55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		
Material data			
Material	Wemid	Colour	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0
Rating data IECEx/ATEX		<u> </u>	
-			
Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Max. voltage (ATEX)	550 V	Current (ATEX)	37 A
Wire cross section max. (ATEX)	6 mm <sup>2</sup>	Max. voltage (IECEX)	550 V
Current (IECEX)	37 A	Wire cross section max. (IECEX)	6 mm <sup>2</sup>
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D
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	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No
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			
	000000 7000000	0	00 A
Certificate No. (CSA)	200039-70089609	Current size B (CSA)	38 A
Current size C (CSA)	38 A	Current size D (CSA)	5 A
Voltage size B (CSA) Voltage size D (CSA)	600 V 600 V	Voltage size C (CSA) Wire cross section max. (CSA)	600 V 8 AWG
Wire cross section min. (CSA)	22 AWG		O AVVG
Conductors for clamping (rat			
Blade size	1.0 x 5.5 mm		
Clamping range, max.	6 mm <sup>2</sup>		
Clamping range, min.	0.34 mm <sup>2</sup>		
Connection cross-section, stranded, max.	6 mm²		
Connection cross-section, stranded, m			
Connection direction	top		
Gauge to IEC 60947-1			

# Creation date March 25, 2022 11:20:11 PM CET

Catalogue status 11.03.2022 / We reserve the right to make technical changes.

# **Technical data**



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Number of connections	2		
Stripping length	12 mm		
Tube length for twin wire-end ferrule	Cross-section for conductor connection	nominal	0.5 mm <sup>2</sup>
	Tube length	min.	10 mm
		max.	12 mm
	Cross-section for conductor connection	nominal	0.75 mm <sup>2</sup>
	Tube length	min.	10 mm
		max.	18 mm
	Cross-section for conductor connection	min.	1 mm <sup>2</sup>
		max.	1.5 mm²
	Tube length	min.	12 mm
	1	max.	18 mm
Tube length for wire-end ferrule with	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>
plastic collar DIN 46228/4		max.	1 mm <sup>2</sup>
	Tube length	min.	10 mm
		max.	12 mm
	Cross-section for conductor connection	nominal	1.5 mm <sup>2</sup>
	Tube length	min.	10 mm
	Cross spation for conductor comparties	max.	18 mm 2.5 mm <sup>2</sup>
	Cross-section for conductor connection Tube length	nominal min.	2.5 mm² 12 mm
		min. max.	12 mm 18 mm
	Cross-section for conductor connection	min.	4 mm <sup>2</sup>
		max.	6 mm <sup>2</sup>
	Tube length	min.	10 mm
	labolongal	max.	18 mm
ube length for wire-end ferrule without	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>
olastic collar DIN 46228/1		max.	1 mm <sup>2</sup>
	Tube length	nominal	10 mm
	Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>
		max.	2.5 mm <sup>2</sup>
	Tube length	min.	10 mm
	_	max.	18 mm <sup>2</sup>
	Cross-section for conductor connection	nominal	4 mm <sup>2</sup>
	Tube length	min.	12 mm
		max.	18 mm
	Cross-section for conductor connection	nominal	6 mm²
	Tube length	min.	10 mm
		max.	18 mm
win wire-end ferrules, max.	1.5 mm <sup>2</sup>		
	0.5 mm <sup>2</sup>		
••	PUSH IN		
nax.	AWG 8		
Vire connection cross section AWG, nin.	AWG 22		
Wire connection cross section, finely stranded, max.	6 mm²		
Vire connection cross section, finely tranded, min.	0.5 mm²		
	6 mm²		
stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm²		



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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²		
Wire connection cross-section, solid core, max.	6 mm <sup>2</sup>		
Wire connection cross-section, solid core, min.	0.5 mm²		
General			
Installation advice	Rail	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 8
Wire connection cross section AWG, min.	AWG 22		
Rating data			
	0 2		000.1/
Rated cross-section	6 mm <sup>2</sup>	Rated voltage	800 V
Rated current	41 A	Current at maximum wires	41 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	1.31 W
Pollution severity	3	Surge voltage category	III
UL rating data			
Certificate No. (cURus)		Conductor size Factory wiring max.	
Conductor size Factory wiring min.	E60693	(cURus) Conductor size Field wiring max. (cURu	8 AWG
(cURus)	22 AWG		8 AWG
Conductor size Field wiring min. (cURu	s) 22 AWG	Current size B (cURus)	38 A
Current size C (cURus)	38 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 V
Voltage size D (cURus)	600 V		
Classifications			
ETIM C.O.	5000007	FTIM 7.0	5000007
ETIM 6.0 ETIM 8.0	EC000897 EC000897	ETIM 7.0 ECLASS 9.0	EC000897 27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 9.0 ECLASS 10.0	27-14-11-20
ECLASS 9.1 ECLASS 11.0	27-14-11-20		27-14-11-20
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# **Technical data**



## Weidmüller Interface GmbH & Co. KG

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Downloads	
Approval/Certificate/Document of	Attestation of Conformity
Conformity	IECEx Certificate
	ATEX Certificate
	CB Test Certificate
	<u>CB Certificate</u>
	EAC certificate
	DNVGL certificate
	BV certificate
	MARITREG certificate
	CCC Ex Certificate
	CE Declaration of Conformity
	<u>CE Declaration of Conformity all terminals</u>
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Tender specification	Klippon® Connect 1992110000 DE
	Klippon® Connect 1992110000 EN
User Documentation	NTI_A2C 6.pdf
	<u>StorageConditionsTerminalBlocks</u>
	NTI ALO16
	BPZL AXC 1.5-16
Catalogues	Catalogues in PDF-format
Brochures	



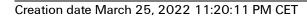
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# Drawings

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# Accessories

WS 8/8





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# 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 wearresistant 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-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).	

## **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 (EA	N) 4050118895605	thickness (A): 1 mm
Qty.	1 pc(s).	



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# Accessories

6 mm<sup>2</sup>

# <mark>6</mark> mm²

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

Туре	ZQV 6N/2 BL
Order No.	<u>1985830000</u>
GTIN (EAN)	4050118370232
Qty.	60 pc(s).
Туре	ZQV 6N/2
Order No.	1985740000
GTIN (EAN)	4050118370362
Qty.	60 pc(s).
Туре	ZQV 6N/3
Order No.	<u>1985760000</u>
GTIN (EAN)	4050118370263
Qty.	60 pc(s).
Туре	ZQV 6N/4
Order No.	1985780000
GTIN (EAN)	4050118370287
Qty.	60 pc(s).
Туре	ZQV 6N/4 BL
Order No.	1985850000
GTIN (EAN)	4050118370447
Qty.	60 pc(s).
Туре	ZQV 6N/3 BL
Order No.	1985840000
GTIN (EAN)	4050118370379
Qty.	60 pc(s).



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# Accessories

#### Blank

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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**

Туре	WS 10/8 PLUS MC NE WS	Version
Order No.	<u>1905950000</u>	WS, Terminal marker, 10 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,
GTIN (EAN)	4032248528103	white
Qty.	420 pc(s).	

#### Blank

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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 MC NE WS	Version
Order No.	<u>1856740000</u>	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400850	Weidmueller, white
Qty.	800 pc(s).	

A-Series



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Accessories



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**

Туре	APP 2	Version
Order No.	<u>2489090000</u>	A-series, Partition plate
GTIN (EAN)	4050118499308	
Qty.	50 pc(s).	

## **Custom printing**

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	Γ	Г	L	L	1	1	L	1
E	1	T	L	L	T	Г	L	]'
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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.	<u>1046370000</u>	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 <u>1856750000</u>	Version Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00

# Accessories

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	J	
Туре	DEK 5/8 PLUS MC NE WS	Version
Order No.	<u>1046350000</u>	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248782055	Weidmueller, white
Qty.	800 pc(s).	

# Accessories

## **DEK 5/8**





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# WS/ DEK

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# \_\_\_\_\_

- 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	DEK 5/8 MM WS	Version
Order No.	<u>2007130000</u>	Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392012	
Qty.	500 pc(s).	

## A-Series



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 6 MI-R
Order No.	<u>1991930000</u>
GTIN (EAN)	4050118376555
Qty.	50 pc(s).
Туре	ATPG 1.5-10 L
Order No.	<u>1991890000</u>
GTIN (EAN)	4050118376647



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# Accessories

**General ordering data** 

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.

#### Туре AEB 35 SCL/1 V0 Version Order No. <u>2661280000</u> A-series, End bracket GTIN (EAN) 4050118702163 Qty. 20 pc(s). Туре AEB 35 SCL/1 VO GY Version 2661290000 Order No. A-series, End bracket GTIN (EAN) 4050118702170 Qty. 20 pc(s). Туре AEB 35 SC/1 Version 1991920000 A-series, End bracket Order No. GTIN (EAN) 4050118376722 Qty. 50 pc(s). AEB 35 SC/1 BK Туре Version 2475310000 Order No. A-series, End bracket 4050118487114 GTIN (EAN) 50 pc(s). Qty. Туре AEB 35 SCL/1 VO BK Version Order No. 2661300000 A-series, End bracket GTIN (EAN) 4050118702187 Qty. 20 pc(s).



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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**

Туре	ZUB MULTIMETER	Version
Order No.	<u>9205270000</u>	Multimeter
GTIN (EAN)	4032248723522	
Qty.	1 pc(s).	

## **A-Series**



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	General ordering data				
Туре	AAM 6 YE FLASH	Version			
Order No.	<u>2635570000</u>	Terminal marker, 13 x 8.1 mm, Pitch in mm (P): 8.00 yellow			
GTIN (EAN)	4050118674514				
Qty.	40 pc(s).				

6 mm<sup>2</sup>



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Accessories

6 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.

## **General ordering data**

	<u> </u>	
Туре	AEP 2C 6 OR	Version
Order No.	2052520000	A-series, End plate
GTIN (EAN)	4050118412123	
Qty.	50 pc(s).	
Туре	AEP 2C 6	Version
Order No.	<u>1991970000</u>	A-series, End plate
GTIN (EAN)	4050118376692	
Qty.	50 pc(s).	
Туре	AEP 2C 6 BL	Version
Order No.	<u>1991950000</u>	A-series, End plate
GTIN (EAN)	4050118376739	
Qty.	50 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.
<ul><li>Can be fitted in strips or individually</li><li>Markers in proven MultiCard format</li></ul>

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	WS 10/8 PLUS MC SDR	Version
Order No.	<u>1906030000</u>	WS, Terminal marker, 10 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,
GTIN (EAN)	4032248528196	To customer specification
Qty.	84 pc(s).	

# **X-ON Electronics**

Largest Supplier of Electrical and Electronic Components

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Click to view products by Weidmuller manufacturer:

Other Similar products are found below :

00110420202 8WA1011-1BH23 8WA1011-1EF20 91.010 9102100000 91.040 9123140000 9123140001 RBO 5-T-B-HEX 1333564 DP25-GY-ND 1431306 1433306 HSL-TB64-DIN 90.070 91.020 912314 260-301\_NR 2757571 280-331 280-560 280-564 281-611/281-542 281-673/281-411 281-994 283-317 283-607 2909798 264-724 264-726 280-530 280-555 280-619 281-610 281-622/281-417 284-317 284-601 2907033 3048496 5542152 35956 USK 10 102510 1025100000 5520682 5607102 EMH 25-ZE30 591620-2 UM 45-SEFE M.NUT BK 1-591651-1