AFS 4 2C 30-70V DL BK

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

www.weidmueller.com



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.

General ordering data

Version	Fuse terminal, PUSH IN, 4 mm², 70 V, 6.3 A, black
Order No.	2675270000
Type	AFS 4 2C 30-70V DL BK
GTIN (EAN)	4050118733457
Qty.	50 pc(s).

Creation date December 4, 2023 8:14:14 AM CET

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Technical data

Dimensions and weights

Depth including DIN rail	69 mm	Height	74 mm
Height (inches)	2.913 inch	Width	6.1 mm
Width (inches)	0.24 inch	Net weight	20.88 g

Temperatures

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

Material data

Material	Wemid	Colour	black
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV17ATEX8064U	Certificate No. (IECEX)	IECEXTUR17.0030U
Current (ATEX)	6.3 A	Wire cross section max. (ATEX)	4 mm²
Current (IECEX)	6.3 A	Wire cross section max. (IECEX)	4 mm²

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of potentials per tier	1
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Open sides	right	Type of mounting	TS 35

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm		
Clamping range, max.	6 mm²		
Clamping range, min.	0.14 mm²		
Connection cross-section, stranded, max.	6 mm²		
Connection cross-section, stranded, min.	0.5 mm²		
Connection direction	top		
Gauge to IEC 60947-1	A4		
Number of connections	2		
Stripping length	12 mm		
Tube length for twin wire-end ferrule	Tube length	max.	12 mm
		min.	8 mm
	Cross-section for conductor connection	min.	0.5 mm²
		max.	1.5 mm²

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Technical data

Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	min.	0.5 mm²
		max.	1 mm²
	Tube length	max.	12 mm
		min.	6 mm
	Cross-section for conductor connection	min.	1.5 mm²
		max.	2.5 mm²
	Tube length	max.	12 mm
		min.	8 mm
	Cross-section for conductor connection	nominal	4 mm²
	Tube length	max.	12 mm
		min.	10 mm
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	0.5 mm²
		max.	1 mm²
	Tube length	max.	10 mm
		min.	6 mm
	Cross-section for conductor connection	min.	1.5 mm²
		max.	2.5 mm²
	Tube length	max.	12 mm
		min.	7 mm
	Cross-section for conductor connection	min.	4 mm²
		max.	6 mm²
	Tube length	max.	15 mm
		min.	9 mm
Twin wire-end ferrules, max.	1.5 mm²		
Twin wire-end ferrules, min.	0.5 mm²		
Type of connection	PUSH IN		
Wire connection cross section AWG, max.	AWG 12		
Wire connection cross section AWG, min.	AWG 26		
Wire connection cross section, finely stranded, max.	6 mm²		
Wire connection cross section, finely stranded, min.	0.5 mm²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm²		
Wire connection cross-section, finely 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.	4 mm²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²		
Wire connection cross-section, solid core, max.	4 mm²		
Wire connection cross-section, solid core, min.	0.5 mm²		

General

Rail	TS 35	Standards	DIN EN 60947-7-3
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26

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Technical data

Rating data

Rated cross-section	4 mm²	Rated voltage	70 V
Rated DC voltage	70 V	Rated current	6.3 A
Current at maximum wires	6.3 A	Standards	DIN EN 60947-7-3
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	4 kV
Power loss in accordance with IEC 60947-7-x	1.02 W	Pollution severity	3
Surge voltage category	III		

Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	EC000899	ETIM 9.0	EC000899
ECLASS 9.0	27-14-11-16	ECLASS 9.1	27-14-11-16
ECLASS 10.0	27-14-11-16	ECLASS 11.0	27-14-11-16
ECLASS 12.0	27-14-11-16	ECLASS 13.0	27250113

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURusEX)	E184763

Downloads

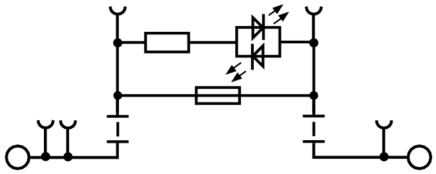
Approval/Certificate/Document of Conformity	Attestation of Conformity CE Declaration of Conformity UKCA declaration of conformity
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

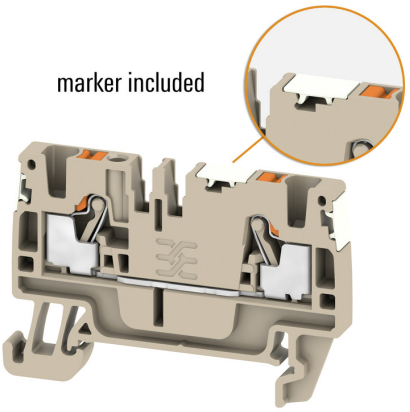
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Drawings





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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.
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

Type	DEK 5/6 MC NE GR	Version
Order No.	1238330000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118323306	Weidmueller, grey
Qty.	1,000 pc(s).	
Type	DEK 5/6 MC NE BL	Version
Order No.	1238290000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118267327	Weidmueller, blue
Qty.	1,000 pc(s).	
Type	DEK 5/6 MC NE GN	Version
Order No.	1238310000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118271812	Weidmueller, green
Qty.	1,000 pc(s).	
Type	DEK 5/6 MC NE GE	Version
Order No.	1238280000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118038750	Weidmueller, yellow
Qty.	1,000 pc(s).	
Type	DEK 5/6 MC NE WS	Version
Order No.	1609820000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190203436	Weidmueller, white
Qty.	1,000 pc(s).	
Type	DEK 5/6 MC NE BR	Version
Order No.	1454900000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4050118323313	Weidmueller, brown
Qty.	1,000 pc(s).	
Type	DEK 5/6 MC NE OR	Version
Order No.	1912090000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4032248540525	Weidmueller, orange
Qty.	1,000 pc(s).	

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Accessories

Z-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	ZST 1	Version
Order No.	1269070000	Accessories, Accessories holder
GTIN (EAN)	4050118094091	
Qty.	25 pc(s).	

4 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

Type	AEP 3C 4 OR	Version
Order No.	2051890000	A-series, End plate
GTIN (EAN)	4050118411799	
Qty.	20 pc(s).	
Type	AEP 3C 4	Version
Order No.	2051720000	A-series, End plate
GTIN (EAN)	4050118411829	
Qty.	20 pc(s).	
Type	AEP 3C 4 BL	Version
Order No.	2051880000	A-series, End plate
GTIN (EAN)	4050118411836	
Qty.	20 pc(s).	

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Accessories

Blank



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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

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General ordering data

Type	WS 10/6 M PLUS MC NE WS	Version
Order No.	2003780000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4050118424461	Allen-Bradley, white
Qty.	600 pc(s).	
Type	WS 10/6 MC M NE GN	Version
Order No.	1917420000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248551620	Allen-Bradley, green
Qty.	600 pc(s).	
Type	WS 10/6 MC NE WS	Version
Order No.	1828450000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248350513	Allen-Bradley, white
Qty.	600 pc(s).	
Type	WS 10/6 MC M NE RT	Version
Order No.	1917440000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248551644	Allen-Bradley, red
Qty.	600 pc(s).	
Type	WS 10/6 PLUS MC NE WS	Version
Order No.	1046390000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248782109	Allen-Bradley, white
Qty.	600 pc(s).	
Type	WS 10/6 MC M NE GE	Version
Order No.	1917430000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248551637	Allen-Bradley, yellow
Qty.	600 pc(s).	
Type	WS 10/6 M MC NE WS	Version
Order No.	1818400000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248310876	Allen-Bradley, white
Qty.	600 pc(s).	
Type	WS 10/6 MC M NE BL	Version
Order No.	1069080000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248824618	Allen-Bradley, blue
Qty.	600 pc(s).	

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Accessories

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 ordering data

Type	AAM 4 YE FLASH	Version
Order No.	2635560000	Terminal marker, 10 x 6.1 mm, Pitch in mm (P): 6.00 yellow
GTIN (EAN)	4050118674507	
Qty.	40 pc(s).	

WS 8/6



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 8/6 MM WS	Version
Order No.	2007160000	WS, Terminal marker, 8 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118391879	
Qty.	600 pc(s).	

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Accessories

Blank



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General ordering data

Type	WS 8/6 PLUS MC NE WS	Version
Order No.	1951880000	WS, Terminal marker, 8 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248632114	white
Qty.	600 pc(s).	

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

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Accessories

A-Series



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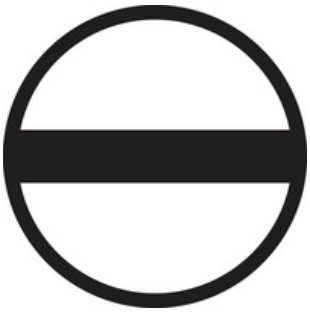
General ordering data

Type	AEB 35 SCL/1 V0	Version
Order No.	2661280000	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 pc(s).	

Type	AEB 35 SCL/1 V0 BK	Version
Order No.	2661300000	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 pc(s).	

Type	AEB 35 SCL/1 V0 GY	Version
Order No.	2661290000	A-series, End bracket
GTIN (EAN)	4050118702170	
Qty.	20 pc(s).	

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type	SDIS SLIM 0.6X3.5X100	Version
Order No.	2749610000	Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118896350	thickness (A): 0.6 mm
Qty.	1 pc(s).	

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Accessories

Plus



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- 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 5/6 PLUS MC NE WS	Version
Order No.	1011320000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4032248717644	Weidmueller, white
Qty.	1,000 pc(s).	

Custom printing



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General ordering data

Type	WS 10/6 MC M SDR	Version
Order No.	1818410000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248310883	Allen-Bradley, To customer specification
Qty.	120 pc(s).	
Type	WS 10/6 PLUS MC SDR	Version
Order No.	1046330000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248782031	Allen-Bradley, To customer specification
Qty.	120 pc(s).	

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Accessories

Type	WS 10/6 MC SDR	Version
Order No.	1828460000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248367399	Allen-Bradley, To customer specification
Qty.	120 pc(s).	

Type	WS 10/6 M PLUS MC SDR	Version
Order No.	2007780000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4050118393187	Allen-Bradley, To customer specification
Qty.	120 pc(s).	

Custom printing



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General ordering data

Type	DEK 5/6 MC SDR	Version
Order No.	1609830000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190456603	Weidmueller, To customer specification
Qty.	200 pc(s).	

Type	DEK 5/6 PLUS MC SDR	Version
Order No.	1038650000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4032248767908	Weidmueller, To customer specification
Qty.	200 pc(s).	

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Accessories

DEK 5/6



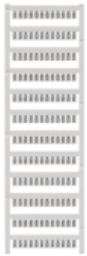
WS/ DEK
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- High flexibility thanks to manufacturer independence

General ordering data

Type	DEK 5/6 MM WS	Version
Order No.	2007120000	Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118392104	
Qty.	600 pc(s).	

Custom printing



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General ordering data

Type	WS 8/6 PLUS MC SDR	Version
Order No.	1038820000	WS, Terminal marker, 8 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248768073	To customer specification
Qty.	120 pc(s).	