

APG 6/10**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

Version	6 mm ² , 500 V, 30 A, Number of poles: 10, beige
Order No.	2829070000
Type	APG 6/10
GTIN (EAN)	4064675382782
Qty.	10 pc(s).

Creation date December 4, 2023 8:27:03 AM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	51 mm	Depth (inches)	2.008 inch
Height	24 mm	Height (inches)	0.945 inch
Width	81 mm	Width (inches)	3.189 inch
Net weight	74.8 g		

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Material data

Material	Wemid	Colour	beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

End cover plate required	No	Number of potentials	10
Number of levels	1	Number of clamping points per level	10
N-function	No	PE function	No
PEN function	No		

Additional technical data

Open sides	closed	Snap-on	No
Type of mounting	Plugged		

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.5 mm ²	Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Connection direction	top
Gauge to IEC 60947-1	A5	Number of connections	10
Stripping length	12 mm	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

General

Number of poles	10	Standards	In accordance with IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22

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Rating data

Rated cross-section	6 mm ²	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	500 V
Rated current	30 A	Current at maximum wires	30 A
Standards	In accordance with 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)	E60693	Conductor size Factory wiring max. (cURus)	8 AWG
Conductor size Factory wiring min. (cURus)	22 AWG	Conductor size Field wiring max. (cURus)	8 AWG
Conductor size Field wiring min. (cURus)	22 AWG	Current size B (cURus)	29 A
Current size C (cURus)	29 A	Current size D (cURus)	5 A
Voltage size B (cURus)	300 V	Voltage size C (cURus)	300 V
Voltage size D (cURus)	600 V		

Classifications

ETIM 6.0	EC002848	ETIM 7.0	EC002848
ETIM 8.0	EC002848	ETIM 9.0	EC002848
ECLASS 9.0	27-14-11-92	ECLASS 9.1	27-14-11-92
ECLASS 10.0	27-14-11-92	ECLASS 11.0	27-14-11-92
ECLASS 12.0	27-14-11-92	ECLASS 13.0	27250390

Approvals

Approvals



UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Downloads

Approval/Certificate/Document of Conformity	CB Testreport CB Certificate
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

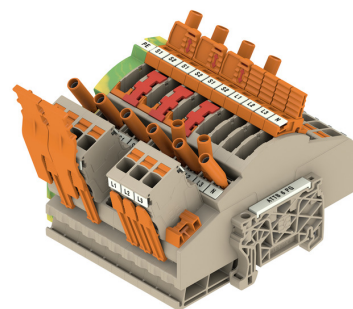
Data sheet

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

General ordering data

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

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Accessories**Coding elements**

Through the use of coding pins, individual coding options ensure trouble-free plug-in connection.

General ordering data

Type	APGCE
Order No.	1514490000
GTIN (EAN)	4050118321906
Qty.	50 pc(s).

Strain reliefs**General ordering data**

Type	APGSR 6
Order No.	2762390000
GTIN (EAN)	4064675021391
Qty.	20 pc(s).

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Accessories

Locking elements



General ordering data

Type	APGLE 6
Order No.	2762400000
GTIN (EAN)	4064675021407
Qty.	20 pc(s).

DEK 5/8



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

General ordering data

Type	DEK-A 5/8 MM WS	Version
Order No.	2448860000	Dekafix, Terminal marker, 5 x 8.1 mm, Weidmueller, white
GTIN (EAN)	4050118462968	
Qty.	500 pc(s).	