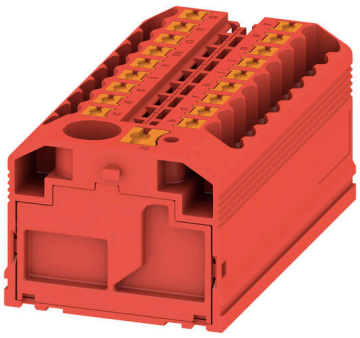
Data sheet

APD 6/18X2.5 RD

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

www.weidmueller.com



General ordering data

Version	Distribution block, PUSH IN, 6 mm², 800 V, 41 A, red
Order No.	3231750000
Type	APD 6/18X2.5 RD
GTIN (EAN)	4069166020051
Qty.	8 items

Data sheet

APD 6/18X2.5 RD

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Depth	35 mm	Depth (inches)	1.378 inch
Height	59.3 mm	Height (inches)	2.3346 inch
Width	39.6 mm	Width (inches)	1.5591 inch
Net weight	41.32 g		

Temperatures

Continuous operating temperature, min.	-40 °C	Continuous operating temperature, max.	105 °C

Material data

Basic material	PA	Colour	red
Colour of operational elements	orange		

System specifications

End cover plate required	No	Number of potentials	1
Number of levels	1	Number of clamping points per level	19
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Mounting rail	Mounting plate
PE function	No	PEN function	No

Additional technical data

Open sides	closed	Explosion-tested version	No

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Connection direction	top
Stripping length	10 mm	Type of connection 2	PUSH IN
Type of connection	PUSH IN	Number of connections	19
Blade size	0.6 x 3.5 mm	Wire connection cross-section, finely stranded, max.	6 mm²
Wire connection cross section, finely stranded, min.	0.2 mm²	Connection cross-section, stranded, max.	6 mm²
Connection cross-section, stranded, min.	0.2 mm²		

General

Number of poles	10	Mounting rail	Mounting plate

Rating data

Rated cross-section	6 mm²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	41 A
Current at maximum wires	41 A	Power loss (IEC 60947-7-x)	0.77 mW
Surge voltage category	III	Pollution severity	3

APD 6/18X2.5 RD

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Technical data

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

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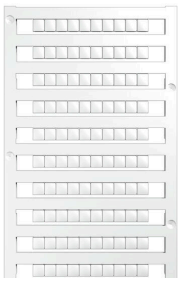
Accessories

Distribution blocks and device terminal blocks

General ordering data

Type	APD FB	Version
Order No.	3232140000	Partition plate (terminal), black, Height: 8 mm, Width: 29 mm, PA
GTIN (EAN)	4069166020440	
Qty.	20 ST	
Type	APD FP35	Version
Order No.	3232110000	Mounting foot (terminal)
GTIN (EAN)	4069166020419	
Qty.	20 ST	
Type	APD MC15	Version
Order No.	3232130000	Mounting foot (terminal)
GTIN (EAN)	4069166020433	
Qty.	20 ST	
Type	APD MC35	Version
Order No.	3232120000	Mounting foot (terminal)
GTIN (EAN)	4069166020426	
Qty.	20 ST	

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 5/5 MC NE BL	Version
Order No.	1609801693	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397166	Weidmueller, blue
Qty.	1000 ST	

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Accessories

Type	DEK 5/5 MC NE BR	Version
Order No.	1249870000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118051865	Weidmueller, brown
Qty.	1000 ST	

Type	DEK 5/5 MC NE GE	Version
Order No.	1609801687	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397135	Weidmueller, yellow
Qty.	1000 ST	

Type	DEK 5/5 MC NE GN	Version
Order No.	1609801688	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397142	Weidmueller, green
Qty.	1000 ST	

Type	DEK 5/5 MC NE GR	Version
Order No.	1609801691	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397159	Weidmueller, grey
Qty.	1000 ST	

Type	DEK 5/5 MC NE OR	Version
Order No.	1238340000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118062632	Weidmueller, orange
Qty.	1000 ST	

Type	DEK 5/5 MC NE RT	Version
Order No.	1609801686	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397128	Weidmueller, red
Qty.	1000 ST	

Type	DEK 5/5 MC NE SW	Version
Order No.	1457550000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118263817	Weidmueller, black
Qty.	1000 ST	

V0



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General ordering data

Type	DEK 5/5 MC NE V0 WS	Version
Order No.	1388530000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118188622	Weidmueller, white
Qty.	1000 ST	

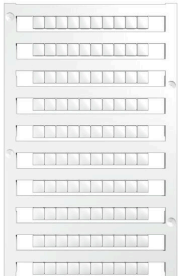
APD 6/18X2.5 RD

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Klingenbergstraße 26
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Accessories

Blank



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General ordering data

Type	DEK 5/5 MC NE VI	Version
Order No.	1249860000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118042764	Weidmueller, violet
Qty.	1000 ST	

Type	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.	1000 ST	

Custom printing



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- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
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General ordering data

Type	DEK 5/5 MC SDR	Version
Order No.	1609810000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190456597	Weidmueller, To customer specification
Qty.	200 ST	

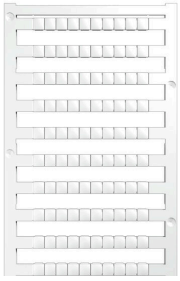
APD 6/18X2.5 RD

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Accessories

Plus



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General ordering data

Type	DEK 5/5 PLUS MC NE GE	Version
Order No.	1907520000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4032248532100	Weidmueller, yellow
Qty.	1000 ST	
Type	DEK 5/5 PLUS MC NE WS	Version
Order No.	1854490000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4032248393596	Weidmueller, white
Qty.	1000 ST	

Custom printing



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- Terminal markers, suitable for all Weidmüller cable connectors
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General ordering data

Type	DEK 5/5 PLUS MC SDR	Version
Order No.	1854500000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4032248393602	Weidmueller, To customer specification
Qty.	200 ST	

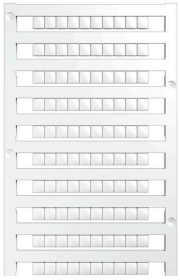
APD 6/18X2.5 RD

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Accessories

Blank



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General ordering data

Type	DEK 5/5 S MC NE WS	Version
Order No.	1341620000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118145793	Weidmueller, white
Qty.	400 ST	

Custom printing



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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 5/5 S MC SDR	Version
Order No.	1341590000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118146042	Weidmueller, To customer specification
Qty.	80 ST	

APD 6/18X2.5 RD

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Accessories

DEK 5/5



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	DEK 5/5 MM BP WS	Version
Order No.	2619770000	Dekafix, Terminal marker, 5 x 5 mm, Weidmueller, white
GTIN (EAN)	4050118626315	
Qty.	10000 ST	
Type	DEK 5/5 MM WS	Version
Order No.	2007110000	Dekafix, Terminal marker, 5 x 5 mm, Weidmueller, white
GTIN (EAN)	4050118391862	
Qty.	800 ST	