Data sheet

# APD 6/6X2.5 BK

**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, black |
| Order No. | 3231850000 |
| Type | APD 6/6X2.5 BK |
| GTIN (EAN) | 4069166020150 |
| Qty. | 10 items |

# Data sheet

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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 | 19.59 g | | |

### Temperatures

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

### Material data

| | | | |
|---|---|---|---|
| Basic material | PA | Colour | black |
| 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 | 7 |
| 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 | 7 |
| 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 | 4 | 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 |

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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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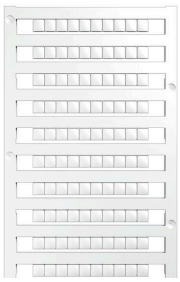
## Accessories

### 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 | |

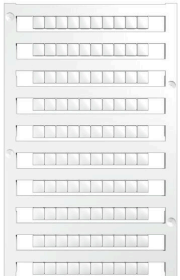
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## Accessories

### 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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### 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 | |

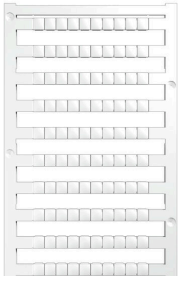
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## Accessories

### 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 | |

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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 | |

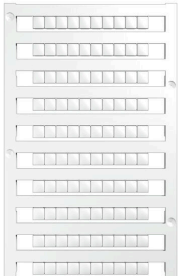
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## Accessories

### 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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#### 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 | |

Weidmüller

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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 | |