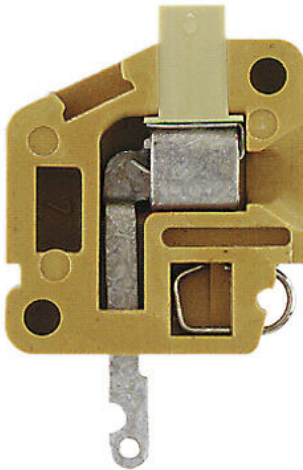


AKA 2.5**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Thanks to their compact design, Mini rail-mounted terminal blocks are ideal for working in confined spaces such as small housings and terminal boxes.

General ordering data

| | |
|---------------------|--|
| Version | Feed-through terminal block, Solder connection, medium yellow, 2.5 mm ² , 20 A, 400 V, Number of connections: 1 |
| Order No. | 0300720000 |
| Type | AKA 2.5 |
| GTIN (EAN) | 4008190072018 |
| Qty. | 100 items |
| Delivery status | Discontinued |
| Available until | 2023-12-31T00:00:00+01:00 |
| Alternative product | VWGK 4 BK BX |

AKA 2.5

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 23.5 mm | Depth (inches) | 0.9252 inch |
| Height | 20 mm | Height (inches) | 0.7874 inch |
| Width | 6 mm | Width (inches) | 0.2362 inch |
| Net weight | 3.51 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature | -25 °C...55 °C | Ambient temperature | -5 °C...40 °C |
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Material data

| | | | |
|---------------------------|----------|--------|---------------|
| Basic material | KrG | Colour | medium yellow |
| UL 94 flammability rating | V-0, 5VA | | |

System specifications

| | | | |
|-------------------------------|------------------------|-------------------------------------|-----|
| Version | For the mounting rails | End cover plate required | Yes |
| Number of levels | 1 | Number of clamping points per level | 1 |
| Number of potentials per tier | 1 | Levels cross-connected internally | No |

Additional technical data

| | | | |
|---------------------|------------------------|-----------------------------|----|
| Open sides | right | Number of similar terminals | 1 |
| Installation advice | Feed-through (bushing) | Explosion-tested version | No |
| Type of mounting | Snap-on | | |

CSA rating data

| | | | |
|-------------------------------|--------|-----------------------|-----------|
| Wire cross section max. (CSA) | 12 AWG | Certificate No. (CSA) | 12400-204 |
| Voltage size D (CSA) | 300 V | Current size D (CSA) | 10 A |
| Wire cross section min. (CSA) | 24 AWG | | |

Conductors for clamping (rated connection)

| | | | |
|-------------------------|-------------------|---|---------|
| Gauge to IEC 60947-1 | A3 | Wire connection cross section AWG, max. | AWG 12 |
| Connection direction | on side | Tightening torque, max. | 0.45 Nm |
| Tightening torque, min. | 0.4 Nm | Stripping length | 9 mm |
| Type of connection | Solder connection | Number of connections | 1 |

AKA 2.5

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

| | | | |
|---|---------------------|---|----------------------|
| Clamping range, max. | 2.5 mm ² | Clamping range, min. | 0.13 mm ² |
| Clamping screw | M 2.5 | Blade size | 0.6 x 3.5 mm |
| Wire connection cross section AWG, min. | AWG 26 | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 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, max. | 2.5 mm ² |
| Wire connection cross section, finely stranded, min. | 0.5 mm ² | Connection cross-section, stranded, max. | 2.5 mm ² |
| Connection cross-section, stranded, min. | 1.5 mm ² | Torque level with DMS electric screwdriver | 1 |
| Wire connection cross-section, solid core, max. | 2.5 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

General

| | | | |
|---------------------|----------------------------------|---|--------|
| Number of poles | 1 | Wire connection cross section AWG, max. | AWG 12 |
| Installation advice | Feed-through (bushing) | Wire connection cross section AWG, min. | AWG 26 |
| Standards | In accordance with IEC 60947-7-1 | | |

Rating data

| | | | |
|--|---------------------|---------------------------------|----------------------------------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 400 V |
| Rated DC voltage | 400 V | Nominal current | 20 A |
| Current at maximum wires | 20 A | Standards | In accordance with IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1.33 mΩ | Rated impulse withstand voltage | 6 kV |
| Power loss in accordance with IEC 60947-7-x | 0.77 W | Pollution severity | 3 |

UL rating data

| | | | |
|---|--------|----------------------|--------|
| Conductor size Factory wiring max. (UR) | 12 AWG | Current size D (UR) | 10 A |
| Conductor size Factory wiring min. (UR) | 26 AWG | Certificate No. (UR) | E60693 |
| Conductor size Field wiring min. (UR) | 26 AWG | Voltage size D (UR) | 300 V |
| Conductor size Field wiring max. (UR) | 12 AWG | | |

Classifications

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

AKA 2.5

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

End plates and partition plates



Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

| | | | |
|------------|----------------------------|---------|---|
| Type | AP AKA2.5 | Version | |
| Order No. | 0162520000 | Version | SAK Series, End plate, 3 mm, beige, Direct mounting |
| GTIN (EAN) | 4008190139179 | | |
| Qty. | 100 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 5/6 MC NE WS | Version | |
| Order No. | 1609820000 | Version | Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 |
| GTIN (EAN) | 4008190203436 | | Weidmueller, white |
| Qty. | 1000 ST | | |

AKA 2.5

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

Accessories

www.weidmueller.com

Custom printing



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 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 ST | | |

DEK 5/6



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