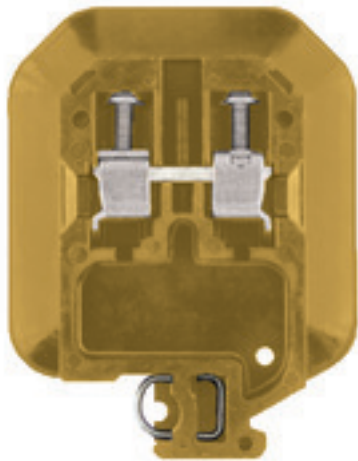


SAK Series
SAKH 6

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

| | |
|---------------------|--|
| Delivery status | This article will no longer be available in the future. |
| Available until | 2020-12-31 |
| Type | SAKH 6 |
| Order No. | 0126620000 |
| GTIN (EAN) | 4008190002473 |
| Qty. | 25 pc(s). |
| Alternative product | 1412970000 |

Creation date April 30, 2020 7:05:04 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

| | | | |
|------------|---------|-----------------|------------|
| Width | 14 mm | Width (inches) | 0.551 inch |
| Height | 57 mm | Height (inches) | 2.244 inch |
| Depth | 76.5 mm | Depth (inches) | 3.012 inch |
| Net weight | 45.12 g | | |

Temperatures

| | | | |
|----------------------------------|---------------|----------------------------------|--------|
| Storage temperature, max. | 40 °C | Storage temperature, min. | 10 °C |
| Storage temperature | 10 °C...40 °C | Continuous operating temp., min. | -60 °C |
| Continuous operating temp., max. | 130 °C | | |

Material data

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

System specifications

| | | | |
|-------------------------------------|---|-------------------------------|-----|
| Version | Screw connection, for screwable cross-connection, One end without connector | End cover plate required | Yes |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 2 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | PE connection | No |
| Rail | TS 32 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

| | | | |
|--------------------------|---------|------------|-------|
| Explosion-tested version | No | Open sides | right |
| Type of mounting | Snap-on | | |

CSA rating data

| | | | |
|-------------------------------|----------------|-------------------------------|-------|
| Certificate No. (CSA) | 154685-1501714 | Current size C (CSA) | 47 A |
| Voltage size C (CSA) | 600 V | Wire cross section max. (CSA) | 8 AWG |
| Wire cross section min. (CSA) | 20 AWG | | |

Conductors for clamping (rated connection)

| | | | |
|---|----------------------|---|---------------------|
| Connection direction | on side | Number of connections | 2 |
| Stripping length | 12 mm | Twin wire-end ferrules, max. | 6 mm ² |
| Twin wire-end ferrules, min. | 0.75 mm ² | Type of connection | Screw connection |
| Wire connection cross section, finely stranded, max. | 10 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 10 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, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 16 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

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Technical data

Rating data

| | | | |
|---|-------------------|--|---------|
| Rated cross-section | 6 mm ² | Rated voltage | 1,000 V |
| Rated current | 57 A | Volume resistance according to IEC 60947-7-x | 0.78 mΩ |
| Power loss in accordance with IEC 60947-7-x | 1.31 W | | |

Classifications

| | | | |
|-------------|-------------|------------|-------------|
| ETIM 6.0 | EC000897 | ETIM 7.0 | EC000897 |
| eClass 9.0 | 27-14-11-20 | eClass 9.1 | 27-14-11-20 |
| eClass 10.0 | 27-14-11-20 | UNSPSC | 30-21-18-11 |

Approvals

Approvals



ROHS Conform

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | ATEX Certificate DE_PT1341_20160418_539_ISSUE01.pdf |
| Engineering Data | EPLAN, WSCAD |
| Engineering Data | STEP |
| User Documentation | Cross Connection Guide StorageConditionsTerminalBlocks |

Safety note

Safety notice [Safety Information](#)

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Accessories

QL / SAK 6N



Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

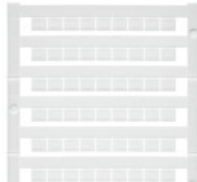
| | | |
|------------|----------------------------|---|
| Type | QL 4 SAK6N | Version |
| Order No. | 0194500000 | SAK Series, Cross-connector, for cross-connection link, Number of |
| GTIN (EAN) | 4008190025601 | poles: 4 |
| Qty. | 50 pc(s). | |
| Type | QL 2 SAK6N | Version |
| Order No. | 0194300000 | SAK Series, Cross-connector, for cross-connection link, Number of |
| GTIN (EAN) | 4008190182854 | poles: 2 |
| Qty. | 50 pc(s). | |
| Type | QL 10 SAK6N | Version |
| Order No. | 0338300000 | SAK Series, Cross-connector, for cross-connection link, Number of |
| GTIN (EAN) | 4008190176679 | poles: 10 |
| Qty. | 20 pc(s). | |
| Type | QL 15 SAK6N | Version |
| Order No. | 0221200000 | SAK Series, Cross-connector, for cross-connection link, Number of |
| GTIN (EAN) | 4008190042110 | poles: 15 |
| Qty. | 10 pc(s). | |
| Type | QL 3 SAK6N | Version |
| Order No. | 0194400000 | SAK Series, Cross-connector, for cross-connection link, Number of |
| GTIN (EAN) | 4008190063351 | poles: 3 |
| Qty. | 50 pc(s). | |

SAK Series SAKH 6

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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 5/6.5 MC NE WS | Version | |
| Order No. | 1609840000 | | Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50 |
| GTIN (EAN) | 4008190203429 | | Weidmueller, white |
| Qty. | 900 pc(s). | | |

QL mounting screws



Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

| | | | |
|------------|----------------------------|---------|--|
| Type | KISC M3X20.5/10 EK4 | Version | |
| Order No. | 0303000000 | | Accessories, Mounting screw, for busbars |
| GTIN (EAN) | 4008190163686 | | |
| Qty. | 100 pc(s). | | |

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Accessories

End bracket



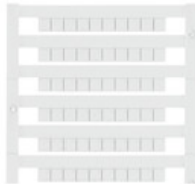
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General ordering data

| | | |
|------------|----------------------------|--------------------------|
| Type | EWK 1 PPS/SW | Version |
| Order No. | 0693060000 | Accessories, End bracket |
| GTIN (EAN) | 4008190071806 | |
| Qty. | 50 pc(s). | |
| Type | MEW 1/32 | Version |
| Order No. | 0445600000 | Accessories, End bracket |
| GTIN (EAN) | 4008190178093 | |
| Qty. | 20 pc(s). | |

Blank



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General ordering data

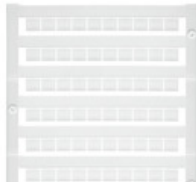
| | | |
|------------|----------------------------|---|
| Type | DEK 5/5 MC NE WS | Version |
| Order No. | 1609801044 | Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 |
| GTIN (EAN) | 4008190397111 | Weidmueller, white |
| Qty. | 1,000 pc(s). | |

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Accessories

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). | | |

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 5/8 PLUS MC NE WS | Version | |
| Order No. | 1046350000 | | Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 |
| GTIN (EAN) | 4032248782055 | | Weidmueller, white |
| Qty. | 800 pc(s). | | |

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Accessories

Custom printing



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General ordering data

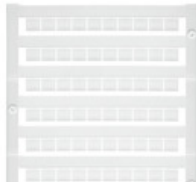
| | | |
|------------|----------------------------|---|
| Type | DEK 5/8 MC SDR | Version |
| Order No. | 1856750000 | Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 |
| GTIN (EAN) | 4032248400867 | Weidmueller, To customer specification |
| Qty. | 160 pc(s). | |
| Type | DEK 5/8 PLUS MC SDR | Version |
| Order No. | 1046370000 | Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00 |
| GTIN (EAN) | 4032248782079 | Weidmueller, To customer specification |
| Qty. | 160 pc(s). | |

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Accessories

Blank



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

| | | | |
|------------|----------------------------|---------|---|
| 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). | | |

End plates



Klippon® Connect with clamping yoke Technology

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General ordering data

| | | | |
|------------|----------------------------|---------|---|
| Type | AP SAKH6/10 EP/SW | Version | |
| Order No. | 0131700000 | | SAK Series, End plate, 4 mm, black, Direct mounting |
| GTIN (EAN) | 4008190174880 | | |
| Qty. | 20 pc(s). | | |

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Accessories

Custom printing



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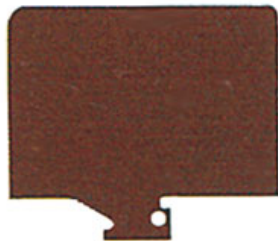
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General ordering data

| | | |
|------------|----------------------------|---|
| 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 pc(s). | |

Partition plates



Klippon® Connect with clamping yoke Technology

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General ordering data

| | | |
|------------|----------------------------|--|
| Type | TW SAK4-10 EP/SW | Version |
| Order No. | 0130100000 | SAK Series, Separation plate, 2.53 mm, black, Direct mounting |
| GTIN (EAN) | 4008190407599 | |
| Qty. | 20 pc(s). | |
| Type | TW SAK4-10 HP/DBR/0.5 | Version |
| Order No. | 0197100000 | SAK Series, Separation plate, 0.5 mm, brown, dark beige, Direct mounting |
| GTIN (EAN) | 4008190146627 | |
| Qty. | 20 pc(s). | |
| Type | TW 4 SAK4-10 | Version |
| Order No. | 0130160000 | SAK Series, Separation plate, 1.5 mm, beige |
| GTIN (EAN) | 4008190096335 | |
| Qty. | 20 pc(s). | |

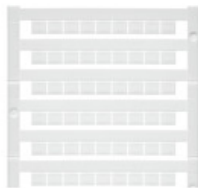
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Accessories

| | | |
|------------|----------------------------|--|
| Type | TW SAK4-10 KRG/BL | Version |
| Order No. | 0130170000 | SAK Series, Seperation plate, 2.25 mm, blue, Direct mounting |
| GTIN (EAN) | 4008190063757 | |
| Qty. | 20 pc(s). | |
| Type | TW SAK4-10 KRG | Version |
| Order No. | 0130120000 | SAK Series, Seperation plate, 2.25 mm, dark beige, yellow, Direct mounting |
| GTIN (EAN) | 4008190139117 | |
| Qty. | 20 pc(s). | |
| Type | TW 4 SAK4-10 BL | Version |
| Order No. | 0130180000 | SAK Series, Seperation plate, 1.5 mm, blue |
| GTIN (EAN) | 4008190114138 | |
| Qty. | 20 pc(s). | |

Custom printing



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | DEK 5/6.5 MC SDR | Version |
| Order No. | 1609850000 | Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50 |
| GTIN (EAN) | 4008190456610 | Weidmueller, To customer specification |
| Qty. | 180 pc(s). | |

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Accessories

DEK 5/8



WS/ DEK

MultiMark DEK/WS connector 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 5/8 MM WS | Version | |
| Order No. | 2007130000 | | Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white |
| GTIN (EAN) | 4050118392012 | | |
| Qty. | 500 pc(s). | | |

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| | | | |
|------------|----------------------------|---|--|
| 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). | | |

Connection sleeves



VH 12/4.9/3.3 024900

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General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | VH 12/4.9/3.3 SAK6N | Version | |
| Order No. | 0249000000 | SAK Series, Connecting sleeve, for cross-connection link, Number of | |
| GTIN (EAN) | 4008190129507 | poles: | |
| Qty. | 100 pc(s). | | |