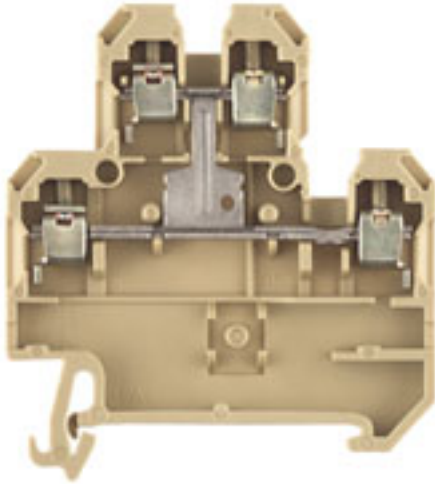


**SAK Series
DK 4QV/35**

Weidmüller Interface GmbH & Co. KG
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 www.weidmueller.com


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 | DK 4QV/35 |
| Order No. | 0363660000 |
| Version | SAK Series, Feed-through terminal, Double-tier terminal, Rated cross-section: 4 mm ² , Screw connection |
| GTIN (EAN) | 4008190165192 |
| Qty. | 100 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|--------|---------|-----------------|------------|
| Width | 6 mm | Width (inches) | 0.236 inch |
| Height | 54 mm | Height (inches) | 2.126 inch |
| Depth | 59.9 mm | Depth (inches) | 2.358 inch |
| Weight | 14.05 g | Net weight | 14.48 g |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 100 °C |
|----------------------------------|--------|----------------------------------|--------|

Material data

| | | | |
|---------------------------|-------|--------|----------------|
| Material | PA 66 | Colour | beige / yellow |
| UL 94 flammability rating | V-2 | | |

System specifications

| | | | |
|-----------------------------------|--|-------------------------------|-----|
| Version | Screw connection, Vertically cross-connected, for screwable cross- connection, One end without connector | End cover plate required | Yes |
| Number of potentials | 1 | Number of levels | 2 |
| No. of clamping points per level | 2 | Number of potentials per tier | 1 |
| Levels cross-connected internally | Yes | PE connection | No |
| Mounting rail | TS 35 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

| | | | |
|--------------------------|-------|-----------------------------|---------|
| Explosion-tested version | Yes | Number of similar terminals | 1 |
| Open sides | right | Type of mounting | Clamped |

CSA rating data

| | | | |
|-------------------------------|-----------|-------------------------------|--------|
| Certificate No. (CSA) | 12400-130 | Current size C (CSA) | 15 A |
| Voltage size C (CSA) | 300 V | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 22 AWG | | |

Conductors for clamping (additional connection)

| | |
|---|---------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 2.5 mm ² |
|---|---------------------|

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Technical data**Conductors for clamping (rated connection)**

| | | | |
|---|----------------------|---|---------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, rated connection, max. | 6 mm ² |
| Clamping range, rated connection, min. | 0.13 mm ² | Clamping screw | M 3 |
| Connection direction | | Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm ² |
| | on side | Number of connections | 4 |
| Gauge to IEC 60947-1 | A3 | Tightening torque, max. | 0.8 Nm |
| Stripping length | 8 mm | Torque level with DMS electric screwdriver | 2 |
| Tightening torque, min. | 0.5 Nm | Twin wire-end ferrules, min. | 0.5 mm ² |
| Twin wire-end ferrules, max. | 1.5 mm ² | Wire connection cross section AWG, max. | AWG 12 |
| Type of connection | Screw connection | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 2.5 mm ² |
| Wire connection cross section AWG, min. | AWG 26 | Wire connection cross section, finely stranded, max. | 4 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 0.5 mm ² | Wire connection cross section, solid core, min. rated connection | 0.5 mm ² |
| Wire connection cross section, solid core max. rated connection | 6 mm ² | Wire connection cross section, stranded, rated connection, min. | 0.5 mm ² |
| Wire connection cross section, stranded, rated connection, max. | 4 mm ² | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 2.5 mm ² | | |

Rating data

| | | | |
|---------------------------------|-------------------|--|-------|
| Rated cross-section | 4 mm ² | Rated voltage | 500 V |
| Rated current | 32 A | Current at maximum wires | 41 A |
| Standards | IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 1 mΩ |
| Rated impulse withstand voltage | 6 kV | Pollution severity | 3 |

UL rating data

| | | | |
|---|--------|---|--------|
| Certificate No. (UR) | E60693 | Conductor size Factory wiring max. (UR) | 10 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR) | 10 AWG |
| Conductor size Field wiring min. (UR) | 22 AWG | Current size C (UR) | 27 A |
| Voltage size C (UR) | 300 V | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC000897 | ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 | ETIM 6.0 | EC000897 |
| UNSPSC | 30-21-18-11 | eClass 5.1 | 27-14-11-20 |
| eClass 6.2 | 27-14-11-20 | eClass 7.1 | 27-14-11-20 |
| eClass 8.1 | 27-14-11-20 | eClass 9.0 | 27-14-11-20 |
| eClass 9.1 | 27-14-11-20 | | |

Product information

Descriptive text technical data With twin wire-end ferrules ZH 0.5 to ZH 2.5, the rated voltage is 690 V.

Data sheet**SAK Series
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Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[DE_PT1301_20160418_125_ISSUE01.pdf](#)

Engineering Data

[EPLAN_WSCAD](#)

User Documentation

[Beipackzettel_WDKV_DKV.pdf](#)**Safety note**

Safety notice

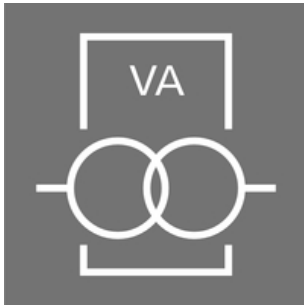
[Safety Information](#)

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Accessories

Test plug



Current and voltage transformer wiring

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|-----------|----------------------------|------------------------|---------------|-----------|
| PS 2.3 RT | 0180400000 | Accessories, Test plug | 4008190060121 | 20 pc(s). |

Plus



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

General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|--------------|----------------------------|---|---------------|--------------|
| DEK 5/6 PLUS | 1011320000 | Dekafix, Terminal marker, | 4032248717644 | 1,000 pc(s). |
| MC NE WS | | 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, White | | |

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Accessories

End plates



Klippon® Connect with clamping yoke Technology

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General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|------------|----------------------------|---|---------------|-----------|
| AP DK4Q BL | 1397180000 | SAK Series, End plate, 1.5 mm, Blue, Direct mounting | 4008190171728 | 20 pc(s). |
| AP DK4Q | 1397160000 | SAK Series, End plate, 1.5 mm, Beige, Direct mounting | 4008190125899 | 20 pc(s). |

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.

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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

General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|---------------------|----------------------------|---|---------------|--------------|
| DEK 5/6 MC NE GN | 1238310000 | Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Green | 4050118271812 | 1,000 pc(s). |
| DEK 5/6 MC NE WS | 1609820000 | Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, White | 4008190203436 | 1,000 pc(s). |
| DEK 5/6 MC NE BL | 1238290000 | Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Blue | 4050118267327 | 1,000 pc(s). |
| DEK 5/6 MC NE GR | 1238330000 | Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Grey | 4050118323306 | 1,000 pc(s). |
| DEK 5/6 MC NE GE | 1238280000 | Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Yellow | 4050118038750 | 1,000 pc(s). |

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Accessories

| | |
|--|--|
| DEK 5/6 MC 1912090000 NE OR | Dekafix, Terminal marker, 4032248540525 1,000 pc(s). 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Orange |
| DEK 5/6 MC 1454900000 NE BR | Dekafix, Terminal marker, 4050118323313 1,000 pc(s). 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Brown |

QB



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General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|-------------------|----------------------------|--|---------------|-----------|
| QB 75/6.2/15 | 0535200000 | SAK Series, Cross-connector, for cross-connection link, No. of poles: 75 | 4008190179168 | 10 pc(s). |
| QB 75/6.2/9 WI | 0526400000 | SAK Series, Cross-connector, for cross-connection link, No. of poles: 75 | 4008190099923 | 10 pc(s). |

Q / AKZ



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General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|----------|----------------------------|---|---------------|-----------|
| Q 4 AKZ4 | 0336600000 | SAK Series, Cross-connector, for cross-connection link, No. of poles: 4 | 4008190096656 | 50 pc(s). |
| Q 3 AKZ4 | 0336500000 | SAK Series, Cross-connector, for cross-connection link, No. of poles: 3 | 4008190121730 | 50 pc(s). |

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Accessories

| | | | |
|-------------|----------------------------|--|-------------------------|
| Q 2 AKZ4 | 0336400000 | SAK Series, Cross-connector, for cross-connection link, No. of poles: 2 | 4008190037680 50 pc(s). |
| Q 3 AKZ1.5 | 0368300000 | SAK Series, Cross-connector, for cross-connection link, No. of poles: 3 | 4008190074913 50 pc(s). |
| Q 10 AKZ4 | 0368600000 | SAK Series, Cross-connector, for cross-connection link, No. of poles: 10 | 4008190056766 20 pc(s). |
| Q 10 AKZ1.5 | 0368500000 | SAK Series, Cross-connector, for cross-connection link, No. of poles: 10 | 4008190159481 20 pc(s). |
| Q 2 AKZ1.5 | 0368200000 | SAK Series, Cross-connector, for cross-connection link, No. of poles: 2 | 4008190149987 50 pc(s). |
| Q 4 AKZ1.5 | 0368400000 | SAK Series, Cross-connector, for cross-connection link, No. of poles: 4 | 4008190153892 50 pc(s). |
| Q 10 AKZ4SS | 0369300000 | SAK Series, Cross-connector, for cross-connection link, No. of poles: 10 | 4008190065744 20 pc(s). |
| Q 2 AKZ4SS | 0369000000 | SAK Series, Cross-connector, No. of poles: 2 | 4008190143589 50 pc(s). |

Non-insulated sockets

Klippon® Connect with clamping yoke Technology

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General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|--------------------------------|----------------------------|---------------------|---------------|-----------|
| STB 8.5/ D4/2.3/M2.5 AKZ | 0215700000 | Accessories, Socket | 4008190184872 | 50 pc(s). |

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Accessories
QB RA

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General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|-------------------|----------------------------|---|-------------------------|------|
| QB 4 WI RA6 IS | 0482900000 | SAK Series, Cross-connector, for cross-connection link, No. of poles: 4 | 4008190086169 50 pc(s). | |
| QB 3 WI RA6 IS | 0482800000 | SAK Series, Cross-connector, for cross-connection link, No. of poles: 3 | 4008190145217 50 pc(s). | |
| QB 2 WI RA6 IS | 0482700000 | SAK Series, Cross-connector, for cross-connection link, No. of poles: 2 | 4008190166021 50 pc(s). | |

Partition plates

Klippon® Connect with clamping yoke Technology

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General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|--------|----------------------------|----------------------------|-------------------------|------|
| WTW EN | 1058800000 | W-Series, Separation plate | 4008190140175 20 pc(s). | |

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Accessories

DEK 5/6



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

- Compatible with W, Z, P and SAK series terminal blocks
- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Space for multi-line printing

General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|------------------|----------------------------|--|---------------|------------|
| DEK 5/6 MM WS | 2007120000 | Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, White | 4050118392104 | 600 pc(s). |

End bracket



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General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|-------|----------------------------|--------------------------|---------------|-----------|
| EWK 1 | 0206160000 | Accessories, End bracket | 4008190080020 | 50 pc(s). |
| EW 35 | 0383560000 | Accessories, End bracket | 4008190181314 | 50 pc(s). |