

**SAK Series
SAKG 32/35 II/GW**

Weidmüller Interface GmbH & Co. KG
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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

| | |
|------------|---|
| Type | SAKG 32/35 II/GW |
| Order No. | 0637420000 |
| Version | SAK Series, Feed-through terminal, Rated cross-section: 50 mm², Screw connection, medium yellow |
| GTIN (EAN) | 4008190070564 |
| Qty. | 10 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Width | 32 mm | Width (inches) | 1.26 inch |
| Height | 80 mm | Height (inches) | 3.15 inch |
| Depth | 53 mm | Depth (inches) | 2.087 inch |
| Net weight | 146.4 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 | | |

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

Material data

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

System specifications

| | | | |
|-------------------------------------|---------------|-------------------------------|-----|
| Version | Stud terminal | 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 35 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

| | | | |
|--------------------------|------|-----------------------------|---------|
| Explosion-tested version | No | Number of similar terminals | 1 |
| Open sides | Open | Type of mounting | Snap-on |

CSA rating data

| | | | |
|-------------------------------|-----------|-------------------------------|--------|
| Certificate No. (CSA) | 12400-199 | Current size C (CSA) | 170 A |
| Voltage size C (CSA) | 600 V | Wire cross section max. (CSA) | 00 AWG |
| Wire cross section min. (CSA) | 1 AWG | | |

Conductors for clamping (rated connection)

| | | | |
|---|--------------------|---|--------------------|
| Clamping range, max. | 70 mm ² | Clamping range, min. | 10 mm ² |
| Clamping screw | M 8 | Connection direction | on side |
| Number of connections | 1 | Tightening torque, max. | 12 Nm |
| Tightening torque, min. | 6 Nm | Type of connection | Screw connection |
| Wire connection cross section AWG, max. | AWG 2/0 | Wire connection cross section AWG, min. | AWG 1 |

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Technical data**Rating data**

| | | | |
|---|--------------------|--|---------|
| Rated cross-section | 50 mm ² | Rated voltage | 1,000 V |
| Rated current | 150 A | Current at maximum wires | 192 A |
| Standards | IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 0.21 mΩ |
| Power loss in accordance with IEC 60947-7-x | 4.8 W | Rated impulse withstand voltage | 8 kV |
| Pollution severity | 3 | | |

UL rating data

| | | | |
|---|--------|---|---------|
| Certificate No. (UR) | E60693 | Conductor size Factory wiring max. (UR) | 000 AWG |
| Conductor size Factory wiring min. (UR) | 6 AWG | Conductor size Field wiring max. (UR) | 000 AWG |
| Conductor size Field wiring min. (UR) | 6 AWG | Current size C (UR) | 200 A |
| Voltage size C (UR) | 600 V | | |

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

[DE_PT1314_20160418_518_ISSUE01.pdf](#)

Engineering Data

[EPLAN, WSCAD](#)

User Documentation

[StorageConditionsTerminalBlocks](#)**Safety note**

Safety notice

[Safety Information](#)

SAK Series SAKG 32/35 II/GW

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Accessories

Cover hoods



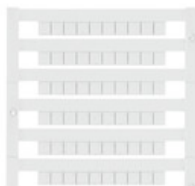
Klippon® Connect with clamping yoke Technology

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 | AH 32 SAKG32 | Version |
| Order No. | 0326760000 | SAK Series, Hood, beige, 30 mm |
| GTIN (EAN) | 4008190064976 | |
| Qty. | 5 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.

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 BR | Version |
| Order No. | 1249870000 | Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 |
| GTIN (EAN) | 4050118051865 | Weidmueller, brown |
| Qty. | 1,000 pc(s). | |
| 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. | 1,000 pc(s). | |
| 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 pc(s). | |

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Accessories

| | | |
|------------|----------------------------|---|
| 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. | 1,000 pc(s). | |
| 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. | 1,000 pc(s). | |
| 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. | 1,000 pc(s). | |
| 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. | 1,000 pc(s). | |
| 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). | |
| 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. | 1,000 pc(s). | |
| 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. | 1,000 pc(s). | |
| 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. | 1,000 pc(s). | |

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Accessories

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

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

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Accessories

Plus



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| | | |
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| 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. | 1,000 pc(s). | |
| 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. | 1,000 pc(s). | |

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Accessories

DEK 5/5



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.

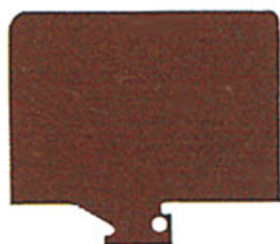
Your benefits with MultiMark

- 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 5/5 MM WS | Version |
| Order No. | 2007110000 | Dekafix, Terminal marker, 5 x 5 mm, Weidmueller, white |
| GTIN (EAN) | 4050118391862 | |
| Qty. | 800 pc(s). | |

Partition plates



Klippon® Connect with clamping yoke Technology

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General ordering data

| | | |
|------------|----------------------------|--|
| Type | TW SAKG46 HP/DBR/2 | Version |
| Order No. | 0177100000 | SAK Series, Separation plate, dark brown, 2 mm |
| GTIN (EAN) | 4008190129699 | |
| Qty. | 10 pc(s). | |
| Type | TW SAKG46 HP/TF/GE/2 | Version |
| Order No. | 0179900000 | SAK Series, Separation plate, yellow, 2 mm |
| GTIN (EAN) | 4008190107833 | |
| Qty. | 10 pc(s). | |

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Accessories

QL / SAKG



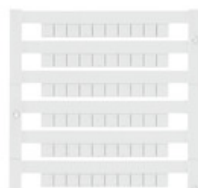
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General ordering data

| | | |
|------------|----------------------------|---|
| Type | QL 2 SAKG32+70 | Version |
| Order No. | 0194000000 | SAK Series, Cross-connector, for cross-connection link, Number of |
| GTIN (EAN) | 4008190177645 | poles: 2 |
| Qty. | 5 pc(s). | |

V0



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| | | |
|------------|----------------------------|---|
| 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. | 1,000 pc(s). | |

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Accessories**End plates****Klippon® Connect with clamping yoke Technology**

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General ordering data

| | | |
|------------|----------------------------|-------------------------------------|
| Type | EP 1 SAKG32/35 HP/TF/GE | Version |
| Order No. | 0180600000 | SAK Series, End plate, yellow, 2 mm |
| GTIN (EAN) | 4008190083915 | |
| Qty. | 10 pc(s). | |