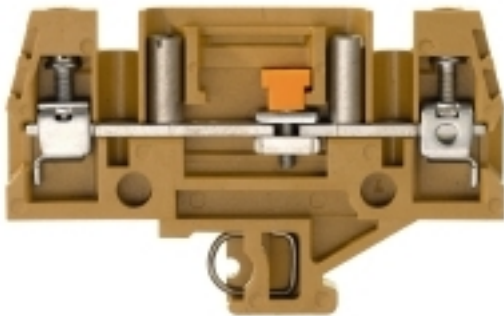


**SAK Series
SAKT 2/LT STB**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
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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

| | |
|------------|---|
| Type | SAKT 2/LT STB |
| Order No. | 0330620000 |
| Version | SAK Series, Test-disconnect terminal, Rated cross-section: 6 mm ² , Screw connection, medium yellow, Direct mounting |
| GTIN (EAN) | 4008190048433 |
| Qty. | 50 pc(s). |

Creation date April 30, 2020 10:38:30 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 | 8 mm | Width (inches) | 0.315 inch |
| Height | 82 mm | Height (inches) | 3.228 inch |
| Depth | 52.5 mm | Depth (inches) | 2.067 inch |
| Net weight | 33.8 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 | Screw connection, Special terminal longitudinal isolator, 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 | Installation advice | Direct mounting |
| Number of similar terminals | 1 | Open sides | right |
| Type of mounting | Snap-on | | |

CSA rating data

| | | | |
|-------------------------------|-----------|-------------------------------|-------|
| Certificate No. (CSA) | 12400-198 | Current size C (CSA) | 25 A |
| Voltage size C (CSA) | 300 V | Wire cross section max. (CSA) | 8 AWG |
| Wire cross section min. (CSA) | 26 AWG | | |

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

| | | | |
|---|---------------------|---|---------------------|
| Blade size | 4.0 x 0.8 mm | Clamping range, max. | 10 mm ² |
| Clamping range, min. | 0.5 mm ² | Clamping screw | M 3.5 |
| Connection cross-section, stranded, max. | 10 mm ² | Connection cross-section, stranded, min. | 1.5 mm ² |
| Connection direction | on side | Gauge to IEC 60947-1 | A5 |
| Number of connections | 2 | Stripping length | 12 mm |
| Tightening torque, max. | 1.6 Nm | Tightening torque, min. | 1.2 Nm |
| Torque level with DMS electric screwdriver | 3 | Type of connection | Screw connection |
| Wire connection cross section, finely stranded, max. | 6 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 6 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. | 10 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

Disconnect terminals

| | | | |
|------------------|---------|----------------------|-----|
| Cross-disconnect | without | Integral test socket | Yes |
| Slitting | sliding | | |

Rating data

| | | | |
|---|-------------------|--|---------|
| Rated cross-section | 6 mm ² | Rated voltage | 125 V |
| Rated current | 41 A | Current at maximum wires | 46 A |
| Standards | IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 0.78 mΩ |
| Power loss in accordance with IEC 60947-7-x | 1.31 W | Rated impulse withstand voltage | 6 kV |
| Pollution severity | 3 | | |

UL rating data

| | | | |
|---|--------|---|-------|
| Certificate No. (UR) | E60693 | Conductor size Factory wiring max. (UR) | 8 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR) | 8 AWG |
| Conductor size Field wiring min. (UR) | 22 AWG | Current size C (UR) | 25 A |
| Voltage size C (UR) | 300 V | | |

Classifications

| | | | |
|-------------|-------------|------------|-------------|
| ETIM 6.0 | EC000902 | ETIM 7.0 | EC000902 |
| eClass 9.0 | 27-14-11-26 | eClass 9.1 | 27-14-11-26 |
| eClass 10.0 | 27-14-11-26 | UNSPSC | 30-21-18-11 |

Approvals

Approvals



ROHS Conform

Data sheet**SAK Series
SAKT 2/LT STB**

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Technical data**Downloads**

| | |
|---|--|
| Approval/Certificate/Document of Conformity | DE_PT1344_20160418_625_ISSUE01.pdf |
| Engineering Data | EPLAN, WSCAD |
| User Documentation | StorageConditionsTerminalBlocks |

Safety note

| | |
|---------------|------------------------------------|
| Safety notice | Safety Information |
|---------------|------------------------------------|

SAK Series SAKT 2/LT STB

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Accessories

QL / SAK 6N



Klippon® Connect with clamping yoke Technology

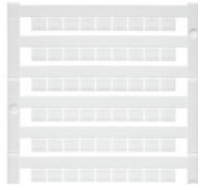
The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

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). | |

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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.

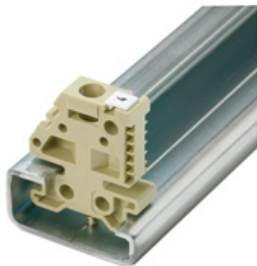
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- 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). | |

End bracket

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 | EWK 1 | Version |
| Order No. | 0206160000 | Accessories, End bracket |
| GTIN (EAN) | 4008190080020 | |
| Qty. | 50 pc(s). | |
| Type | EW 15 | Version |
| Order No. | 0382860000 | Accessories, End bracket |
| GTIN (EAN) | 4008190187804 | |
| Qty. | 50 pc(s). | |
| Type | EW 15/2 | Version |
| Order No. | 1071900000 | Accessories, End bracket |
| GTIN (EAN) | 4008190462949 | |
| Qty. | 50 pc(s). | |

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Accessories

| | | |
|------------|----------------------------|--------------------------|
| Type | EW 35/SCHA/M3 | Version |
| Order No. | 0258660000 | Accessories, End bracket |
| GTIN (EAN) | 4008190033477 | |
| Qty. | 20 pc(s). | |
| Type | EWK 2 | Version |
| Order No. | 0199360000 | Accessories, End bracket |
| GTIN (EAN) | 4008190023546 | |
| Qty. | 50 pc(s). | |
| Type | EW 35 | Version |
| Order No. | 0383560000 | Accessories, End bracket |
| GTIN (EAN) | 4008190181314 | |
| Qty. | 50 pc(s). | |
| Type | EW 35 GR 7032 | Version |
| Order No. | 0383530000 | Accessories, End bracket |
| GTIN (EAN) | 4008190027322 | |
| Qty. | 50 pc(s). | |
| Type | EWK 1 ALT | Version |
| Order No. | 0495160000 | Accessories, End bracket |
| GTIN (EAN) | 4008190160777 | |
| Qty. | 50 pc(s). | |
| Type | WEW 32/1 | Version |
| Order No. | 1067600000 | W-Series, End bracket |
| GTIN (EAN) | 4008190099657 | |
| Qty. | 50 pc(s). | |

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 | PS 4 F.STB 4 | Version |
| Order No. | 0299600000 | Accessories, Test plug |
| GTIN (EAN) | 4008190074043 | |
| Qty. | 20 pc(s). | |

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Accessories

Shorting 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 | QS 2/8/4 | Version |
| Order No. | 0270960000 | SAK Series, Short-circuit plug, For the terminals, Number of poles: 2 |
| GTIN (EAN) | 4008190077006 | |
| Qty. | 20 pc(s). | |

End brackets



Klippon® Connect with clamping yoke Technology

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General ordering data

| | | |
|------------|----------------------------|-----------------------|
| Type | WEW 35/1 | Version |
| Order No. | 1059000000 | W-Series, End bracket |
| GTIN (EAN) | 4008190172282 | |
| Qty. | 50 pc(s). | |
| Type | WEW 35/2 | Version |
| Order No. | 1061200000 | W-Series, End bracket |
| GTIN (EAN) | 4008190030230 | |
| Qty. | 100 pc(s). | |

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Accessories

Fixing screws



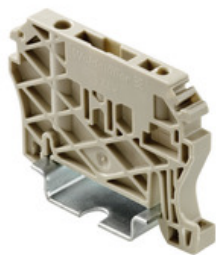
Current and voltage transformer wiring

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General ordering data

| | | |
|------------|----------------------------|----------------------------|
| Type | BS 25 IH/SW SAKT1 | Version |
| Order No. | 0335200000 | SAK Series, Set of fixings |
| GTIN (EAN) | 4008190114039 | |
| Qty. | 50 pc(s). | |
| Type | BS 25 IH/RT SAKT1 | Version |
| Order No. | 0335500000 | SAK Series, Set of fixings |
| GTIN (EAN) | 4008190118877 | |
| Qty. | 50 pc(s). | |
| Type | BS 25 IH/GR SAKT1 | Version |
| Order No. | 0335300000 | SAK Series, Set of fixings |
| GTIN (EAN) | 4008190136864 | |
| Qty. | 50 pc(s). | |
| Type | BS 25 IH/GE SAKT1 | Version |
| Order No. | 0335700000 | SAK Series, Set of fixings |
| GTIN (EAN) | 4008190189235 | |
| Qty. | 50 pc(s). | |

End brackets



Spring connection with tension clamp Technology

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

| | | |
|------------|----------------------------|--------------------------|
| Type | ZEW 35/2 | Version |
| Order No. | 8630740000 | Z-series, End bracket |
| GTIN (EAN) | 4032248348916 | |
| Qty. | 20 pc(s). | |
| Type | ZEW 15 | Version |
| Order No. | 7920340000 | Accessories, End bracket |
| GTIN (EAN) | 4032248238910 | |
| Qty. | 20 pc(s). | |

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Accessories

| | | | |
|------------|----------------------------|-----------------------|--|
| Type | ZEW 35 | Version | |
| Order No. | 9540000000 | Z-series, End bracket | |
| GTIN (EAN) | 4008190956264 | | |
| Qty. | 20 pc(s). | | |

End plates



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 | TW SAKB/C/T1 | Version | |
| Order No. | 0242960000 | SAK Series, Separation plate, 1.5 mm, beige, Direct mounting | |
| GTIN (EAN) | 4008190104092 | | |
| Qty. | 20 pc(s). | | |

| | | | |
|------------|----------------------------|--|--|
| Type | AP SAKB/C/T KRG | Version | |
| Order No. | 0146720000 | SAK Series, End plate, 3 mm, dark beige, yellow, Direct mounting | |
| GTIN (EAN) | 4008190027995 | | |
| Qty. | 20 pc(s). | | |

Shorting link



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 | QVS 2/S SAKT1+2 | Version | |
| Order No. | 0358460000 | SAK Series, Cross-connector, Cross-connector, Number of poles: 2 | |
| GTIN (EAN) | 4008190157937 | | |
| Qty. | 20 pc(s). | | |

| | | | |
|------------|----------------------------|--|--|
| Type | QVS 3 SAKT1+2 | Version | |
| Order No. | 0329300000 | SAK Series, Cross-connector, Cross-connector, Number of poles: 3 | |
| GTIN (EAN) | 4008190084714 | | |
| Qty. | 20 pc(s). | | |

Data sheet

SAK Series SAKT 2/LT STB

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Accessories

| | | | |
|------------|----------------------------|--|--|
| Type | QVS 2 SAKT1+2 | Version | |
| Order No. | 0307300000 | SAK Series, Cross-connector, Cross-connector, Number of poles: 2 | |
| GTIN (EAN) | 4008190036140 | | |
| Qty. | 20 pc(s). | | |

Switch lock



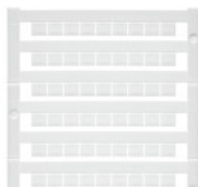
Current and voltage transformer wiring

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General ordering data

| | | | |
|------------|----------------------------|----------------------------|--|
| Type | SSP 3 SAKT 1 | Version | |
| Order No. | 0531760000 | SAK Series, Lockout device | |
| GTIN (EAN) | 4008190130787 | | |
| Qty. | 100 pc(s). | | |

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 5/6.5 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

Connection sleeves



VH 12/4.9/3.3 024900

Klippon® Connect with clamping yoke Technology

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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). | |
| Type | VH 19/6/4.2 SAKT1 | Version |
| Order No. | 0318000000 | SAK Series, Connecting sleeve, for cross-connection link, Number of |
| GTIN (EAN) | 4008190059460 | poles: 1 |
| Qty. | 50 pc(s). | |