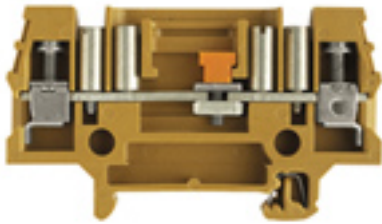


SAK Series
SAKT 2/35/LT 4STB**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

In order to do justice to the different requirements placed on our products, it is necessary to use various insulating materials tailored to the particular application. None of the insulating materials used by Weidmüller contain any hazardous substances. Above all, we ensure that all our materials are free from cadmium. Furthermore, they contain no colour pigments based on heavy metals and do not lead to the formation of dioxin/furan.

General ordering data

| | |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Order No. | 0106020000 |
| Type | SAKT 2/35/LT 4STB |
| Version | SAK Series, Disconnect and modular disconnect terminal, Rated cross-section: 6 mm ² , Screw connection, KrG, Medium Yellow, Direct mounting |
| GTIN (EAN) | 4008190182892 |
| Qty. | 50 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|------------|---------|--------------------------|---------|
| Length | 82 mm | Width | 8 mm |
| Height | 52.5 mm | Height of lowest version | 52.5 mm |
| Net weight | 39.34 g | | |

Temperatures

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

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 ratings data

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

Clampable wires (additional connection)

| | | | |
|---------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------|-------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min. | 0.5 mm ² | Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 6 mm ² |
|---------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------|-------------------|

Clampable wires (rated connection)

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

Disconnect terminals

| | | | |
|------------------|---------|--------------------------------------------|-----|
| Cross-disconnect | without | Integral test socket | Yes |
| Slitting | sliding | Torque level with DMS electric screwdriver | 3 |

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Technical data

Rated data

| | | | |
|---------------------------------|-------------------|---------------|---------------|
| Rated cross-section | 6 mm ² | Rated voltage | 125 V |
| Rated impulse withstand voltage | 6 kV | Rated current | 41 A |
| Current at maximum wires | 46 A | Standards | IEC 60947-7-1 |
| Pollution severity | 3 | | |

UL ratings data

| | | | |
|-----------------------------------------|----------------|-----------------------------------------|-------|
| Certificate No. (UR) | E60693VOL1SEC7 | Voltage size C (UR) | 300 V |
| Current size C (UR) | 25 A | Conductor size Factory wiring max. (UR) | 8 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR) | 8 AWG |

Material data

| | | | |
|---------------------|---------------|---------------------------|-----|
| Insulating material | KrG | Material | KrG |
| Colour | Medium Yellow | UL 94 flammability rating | V-0 |

System specifications

| | | | |
|-----------------------------------|------------|----------------------------------|------------------|
| Product family | SAK Series | Type of connection | Screw connection |
| Connection direction | on side | Number of levels | 1 |
| Number of connections | 2 | No. of clamping points per level | 2 |
| Levels cross-connected internally | No | Mounting rail | TS 35 |
| End cover plate required | Yes | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 2.0 | EC000902 | ETIM 3.0 | EC000902 |
| UNSPSC | 30-21-18-11 | eClass 4.1 | 27-14-11-26 |
| eClass 5.1 | 27-14-11-26 | eClass 6.0 | 27-14-11-26 |
| eClass 7.0 | 27-14-11-26 | | |

Product information

| | |
|---------------------------------|----------------------------------------------------------------------------------------------------|
| Descriptive text technical data | 10 mm ² stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque. |
| Descriptive text accessories | To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots! |
| Product description | 4 sockets 14 KrG 60 V* |

Approvals

Approvals

