

**SAK Series**  
**SAKC 4/35****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

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Disconnect terminals enable circuits to be quickly and safely isolated, e.g. in order to carry out maintenance or repair work.

**General ordering data**

|            |                                                                                                                                 |
|------------|---------------------------------------------------------------------------------------------------------------------------------|
| Type       | SAKC 4/35                                                                                                                       |
| Order No.  | <a href="#">0357520000</a>                                                                                                      |
| Version    | SAK Series, Test-disconnect terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection, Medium Yellow, Direct mounting |
| GTIN (EAN) | 4008190185077                                                                                                                   |
| Qty.       | 100 pc(s).                                                                                                                      |

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**Technical data**
**Dimensions and weights**

|        |         |                          |         |
|--------|---------|--------------------------|---------|
| Length | 49.5 mm | Width                    | 6.5 mm  |
| Height | 59.5 mm | Height of lowest version | 59.5 mm |
| Weight | 19.5 g  | Net weight               | 18.71 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 |
| Open sides               | right                                                                       | Type of mounting    | Snap-on         |
| Version                  | Screw connection,<br>Disconnection element,<br>One end without<br>connector |                     |                 |

**CSA ratings data**

|                               |           |                               |        |
|-------------------------------|-----------|-------------------------------|--------|
| Certificate No. (CSA)         | 12400-190 | Voltage size C (CSA)          | 300 V  |
| Current size C (CSA)          | 25 A      | Wire cross section max. (CSA) | 10 AWG |
| Wire cross section min. (CSA) | 22 AWG    |                               |        |

**Clampable wires (additional connection)**

|                                                                                             |                     |                                                                                             |                   |
|---------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------|-------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min. | 0.5 mm <sup>2</sup> | Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 4 mm <sup>2</sup> |
|---------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------|-------------------|

**Clampable wires (rated connection)**

|                                                                                                                                       |                     |                                                                                                                               |                      |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Type of connection                                                                                                                    | Screw connection    | Stripping length                                                                                                              | 12 mm                |
| Blade size                                                                                                                            | 0.6 x 3.5 mm        | Connection direction                                                                                                          | on side              |
| Number of connections                                                                                                                 | 2                   | Clamping range, rated connection, min.                                                                                        | 0.33 mm <sup>2</sup> |
| Clamping range, rated connection, max.                                                                                                | 6 mm <sup>2</sup>   | Clamping screw                                                                                                                | M 3                  |
| Tightening torque, min.                                                                                                               | 0.5 Nm              | Tightening torque, max.                                                                                                       | 1 Nm                 |
| Torque level with DMS electric screwdriver                                                                                            | 2                   | Gauge to IEC 60947-1                                                                                                          | A4                   |
| Wire connection cross section, solid core, max. rated connection                                                                      | 0.5 mm <sup>2</sup> | Wire connection cross section, solid core max. rated connection                                                               | 6 mm <sup>2</sup>    |
| Wire connection cross section, stranded, rated connection, min.                                                                       | 1.5 mm <sup>2</sup> | Wire connection cross section, stranded, rated connection, max.                                                               | 4 mm <sup>2</sup>    |
| Wire connection cross section, finely stranded, max.                                                                                  | 4 mm <sup>2</sup>   | Wire connection cross-section, finely stranded, min.                                                                          | 0.5 mm <sup>2</sup>  |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.                             | 0.5 mm <sup>2</sup> | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.                     | 4 mm <sup>2</sup>    |
| Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm <sup>2</sup> | Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 4 mm <sup>2</sup>    |
| Wire connection cross section AWG, min.                                                                                               | AWG 22              | Wire connection cross section AWG, max.                                                                                       | AWG 10               |

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**Technical data**
**Rated data**

|                                 |                   |               |               |
|---------------------------------|-------------------|---------------|---------------|
| Rated cross-section             | 4 mm <sup>2</sup> | Rated voltage | 400 V         |
| Rated impulse withstand voltage | 6 kV              | Rated current | 25 A          |
| Current at maximum wires        | 25 A              | Standards     | IEC 60947-7-1 |
| Pollution severity              | 3                 |               |               |

**Material data**

|                           |          |        |               |
|---------------------------|----------|--------|---------------|
| Material                  | KrG      | Colour | Medium Yellow |
| UL 94 flammability rating | V-0, 5VA |        |               |

**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 6.2 | 27-14-11-20 |
| eClass 7.1 | 27-14-11-20 |            |             |

**Product information**

|                                 |                                                                                          |
|---------------------------------|------------------------------------------------------------------------------------------|
| Descriptive text ordering data  | SAKC 4/35 2 StB order no. 0340620000. Tightening torque via the sockets is 0.5 - 0.7 Nm. |
| Descriptive text technical data |                                                                                          |
| Descriptive text accessories    | Dummy plug and pull out tool see chapter accessories                                     |

**Approvals**

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|