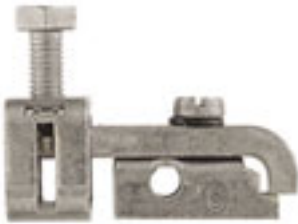


**SAK Series  
SAKE 35**

**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**

|            |                                                                                                      |
|------------|------------------------------------------------------------------------------------------------------|
| Type       | SAKE 35                                                                                              |
| Order No.  | <a href="#">0144400000</a>                                                                           |
| Version    | SAK Series, PE terminal, Rated cross-section: 35 mm <sup>2</sup> , Screw connection, Direct mounting |
| GTIN (EAN) | 4008190122744                                                                                        |
| Qty.       | 20 pc(s).                                                                                            |

## SAK Series SAKE 35

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## Technische Daten

### Dimensions and weights

|        |         |                          |         |
|--------|---------|--------------------------|---------|
| Length | 46 mm   | Width                    | 14 mm   |
| Height | 39 mm   | Height of lowest version | 39 mm   |
| Weight | 44.15 g | Net weight               | 42.25 g |

### Temperatures

|                       |                     |
|-----------------------|---------------------|
| Operating temperature | Storage temperature |
|-----------------------|---------------------|

### Additional technical data

|                             |         |                     |                                      |
|-----------------------------|---------|---------------------|--------------------------------------|
| Explosion-tested version    | No      | Installation advice | Direct mounting                      |
| Number of similar terminals | 1       | Open sides          | Open                                 |
| Type of mounting            | Clamped | Version             | Screw connection, With PE connection |

### CSA ratings data

|                               |           |                               |       |
|-------------------------------|-----------|-------------------------------|-------|
| Certificate No. (CSA)         | 12400-207 | Wire cross section max. (CSA) | 2 AWG |
| Wire cross section min. (CSA) | 8 AWG     |                               |       |

### Clampable wires (additional connection)

|                                                                                             |                    |                                                                                             |                    |
|---------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------|--------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min. | 10 mm <sup>2</sup> | Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 35 mm <sup>2</sup> |
|---------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------|--------------------|

### Clampable wires (rated connection)

|                                                                                                           |                    |                                                                                                           |                    |
|-----------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------|--------------------|
| Type of connection                                                                                        | Screw connection   | Stripping length                                                                                          | 16 mm              |
| Blade size                                                                                                | 6.5 x 1.2 mm       | Connection direction                                                                                      | on side            |
| Number of connections                                                                                     | 1                  | Clamping range, rated connection, min.                                                                    | 6 mm <sup>2</sup>  |
| Clamping range, rated connection, max.                                                                    | 35 mm <sup>2</sup> | Clamping screw                                                                                            | M 6                |
| Tightening torque, min.                                                                                   | 4 Nm               | Tightening torque, max.                                                                                   | 5 Nm               |
| Gauge to IEC 60947-1                                                                                      | B8                 | Wire connection cross section, solid core, max. rated connection                                          | 6 mm <sup>2</sup>  |
| Wire connection cross section, solid core max. rated connection                                           | 35 mm <sup>2</sup> | Wire connection cross section, stranded, rated connection, min.                                           | 6 mm <sup>2</sup>  |
| Wire connection cross section, stranded, rated connection, max.                                           | 35 mm <sup>2</sup> | Wire connection cross section, finely stranded, max.                                                      | 35 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded, min.                                                      | 6 mm <sup>2</sup>  | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 10 mm <sup>2</sup> |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 35 mm <sup>2</sup> | Wire connection cross section AWG, min.                                                                   | AWG 8              |
| Wire connection cross section AWG, max.                                                                   | AWG 2              |                                                                                                           |                    |

### Rated data

|                     |                    |           |               |
|---------------------|--------------------|-----------|---------------|
| Rated cross-section | 35 mm <sup>2</sup> | Standards | IEC 60947-7-2 |
|---------------------|--------------------|-----------|---------------|

### Material data

|        |               |
|--------|---------------|
| Colour | Yellow, Green |
|--------|---------------|

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**Technische Daten**

**System specifications**

|                                   |            |                                  |                  |
|-----------------------------------|------------|----------------------------------|------------------|
| Product family                    | SAK Series | Type of connection               | Screw connection |
| Connection direction              | on side    | Number of levels                 | 1                |
| Number of connections             | 1          | No. of clamping points per level | 1                |
| Levels cross-connected internally | No         | Mounting rail                    | TS 32            |
| End cover plate required          | No         |                                  |                  |

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC000901    | UNSPSC     | 30-21-18-11 |
| eClass 5.1 | 27-14-03-05 | eClass 6.2 | 27-14-03-05 |
| eClass 7.1 | 27-14-03-05 |            |             |

**Approvals**

Approvals



ROHS Conform