

General ordering data

| | |
|-------------------------|-----------------|
| Order No. | 0535400000 |
| Short text for material | EK 95/35/2ZB BK |
| EAN | 4008190168797 |
| Qty | 10 |

Additional technical data

| | |
|--|-------------------|
| No. of identical terminals | 1 |
| Version | PE terminal |
| Installation advice | TS 35 |
| UL 94 flammability rating of insulation material | |
| Operating temperature range | - 50 °C, + 100 °C |
| No. of levels | 1 |
| Product range | SAK Series |
| No. of terminal strips per level | 2 |
| End plate required | No |
| Connection direction | on side |

Conductors for clamping (additional connection)

| | |
|---------------|--------|
| Rated current | 1000 A |
|---------------|--------|

Conductors for clamping (rated connection)

| | |
|--|------------------------|
| Stripping length | 27 mm |
| Flexible, min. | 16 mm ² |
| 2nd type of connection | screwed |
| Solid, min. | 10 mm ² |
| Clamping screw | M 10 |
| Gauge to IEC 60947-1 | B12 |
| AWG conductor size, max. | 107,22 mm ² |
| AWG conductor size, max. | AWG 4/0 |
| Stranded, max. | 95 mm ² |
| Stranded, min. | 10 mm ² |
| AWG conductor size, min. (mm) | 13,30 mm ² |
| AWG conductor size, min. | AWG 6 |
| Connection direction | on side |
| Type of connection | Screw connection |
| No. of connections | 2 |
| Tightening torque range | 10...20 Nm |
| Solid, max. | 16 mm ² |
| Flexible, max. | 95 mm ² |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 95 mm ² |
| Flexible with ferrule, min. (DIN 46228 pt 1) | 10 mm ² |
| Clamping range, max. | 120 mm ² |
| Clamping range, min. | 10 mm ² |

Dimensions

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|--------------------------|---------|
| Length | 76,5 mm |
| Height of lowest version | 90,5 mm |
| Width | 25 mm |

PE rating data

| | |
|--|-------------------------------|
| Pollution severity | 3 |
| Norm | IEC 60947-7-2 |
| Rated cross-section | 95 mm ² |
| Rated short-time current | 11400 A (95 mm ²) |
| PEN function | Yes |
| Tightening torque range for fixing screw | 1.2...2.4 Nm |
| Centre screw on PE terminals | M 4 |
| Rated impulse withstand voltage to adjacent terminal | 8 kV |
| Rated current | 1000 A |

Rating data

| | |
|---------------------|--------------------|
| Pollution severity | 3 |
| Norm | IEC 60947-7-2 |
| Rated cross-section | 95 mm ² |

information boxes, print catalogue

| | |
|----------------------|---|
| Note, accessories | To fix the terminals use the copper rail TS35 order no. 0270100000. |
| Note, technical data | The copper rail TS 35, order No. 0270100000, must be used for fixing. |

Classifications

| | |
|------------|-------------|
| ETIM 2.0 | EC000901 |
| ETIM 3.0 | EC000901 |
| eClass 4.1 | 27-14-03-05 |
| eClass 5.0 | 27-14-03-05 |
| eClass 5.1 | 27-14-03-05 |

Related products

| Order No. | Short text for material |
|------------|-------------------------|
| 0661060000 | EK 2.5/35 |
| 0661160000 | EK 4/35 |
| 0661260000 | EK 6/35 |
| 0661360000 | EK 10/35 |
| 0190160000 | EK 16/35 |
| 0661460000 | EK 35/35 |
| 1383000000 | EK 70/35/M.2ZB O.IK |

0535300000

EK 95/35/1ZB BK