

#### General ordering data

|                  |   |
|------------------|---|
| Order No.        | 0190060000  |
| Part designation | SAK 2.5 (FE C/B)  |
| Version          | Special terminal, special connections, 2.5 mm <sup>2</sup> ,<br>Screw connection, PA 66, beige, TS 32 |
| EAN              | 4008190090678   |
| Qty.             | 100 pc(s).  |

#### Product notes

|                     |  |
|---------------------|--|
| Product description | Busbars from thermocouple materials, according to DIN IEC 584. |
|---------------------|--|

#### Additional technical data

|  |                   |
|--|-------------------|
| Colour of insulating material                    | beige             |
| Connection direction                             | on side           |
| End plate required                               | Yes               |
| Explosion-tested version "Ex e"                  | No                |
| Installation advice                              | TS 32             |
| Insulating material                              | PA 66             |
| Levels cross-connected internally                | No                |
| No. of identical terminals                       | 1                 |
| No. of levels                                    | 1                 |
| No. of terminal strips per level                 | 2                 |
| Open sides                                       | right             |
| Operating temperature range                      | - 50 °C, + 100 °C |
| Product family                                   | SAK Series        |
| Type of connection                               | Screwed           |
| Type of mounting                                 | Snap-on           |
| UL 94 flammability rating of insulation material | V2                |
| Version  | Thermocouple      |

#### Conductors for clamping (additional connection)

|  |                     |
|--|---------------------|
| Type of connection                           | Screw connection    |
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm <sup>2</sup> |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 4 mm <sup>2</sup>   |

#### Conductors for clamping (rated connection)

|                         |                     |
|-------------------------|---------------------|
| Clamping range, max.    | 2.5 mm <sup>2</sup> |
| Type of connection      | Screw connection    |
| Connection direction    | on side             |
| No. of connections      | 2                   |
| Stripping length        | 10 mm               |
| Clamping screw          | M 2.5               |
| Blade size              | 0.6 x 3.5 mm        |
| Tightening torque range | 0.4...0.6 Nm        |
| Solid, min.             | 0.5 mm <sup>2</sup> |
| Solid, max.             | 2.5 mm <sup>2</sup> |

#### Dimensions

|       |      |
|-------|------|
| Width | 6 mm |
|-------|------|

#### Dimensions

|                          |         |
|--------------------------|---------|
| Height of lowest version | 46.5 mm |
| Length                   | 36.5 mm |
| TS 32 offset             | 18.5 mm |

#### Rating data

|                     |                           |
|---------------------|---------------------------|
| Rated cross-section | 2.5 mm <sup>2</sup>       |
| Standards           | IEC 60947-7-1 / IEC 60584 |
| Pollution severity  | 3                         |

#### Thermal voltage terminals

|                         |    |
|-------------------------|----|
| Type of thermo-elements | Fe |
|-------------------------|----|

#### Approvals

Approvals institutes



#### Classifications

|            |             |
|------------|-------------|
| ETIM 2.0   | EC000904    |
| ETIM 3.0   | EC000904    |
| eClass 4.1 | 27-14-11-31 |
| eClass 5.0 | 27-14-11-31 |
| eClass 5.1 | 27-14-11-31 |

#### Similar products

| Order No.  | Part designation | Version  |
|------------|------------------|--|
| 1338060000 | DK 4Q/TC TYP J   | Special terminal, special connections, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32   |
| 1338260000 | DK 4Q/TC TYP K   | Special terminal, special connections, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32   |
| 1338160000 | DK 4Q/TC TYP T   | Special terminal, special connections, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32   |
| 0107160000 | SAK 2.5/TC AL    | Special terminal, special connections, 2.5 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32 |
| 0107260000 | SAK 2.5/TC CH    | Special terminal, special connections, 2.5 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32 |
| 0189860000 | SAK 2.5 (CO C/B) | Special terminal, special connections, 2.5 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32 |
| 0189960000 | SAK 2.5 (CU C/B) | Special terminal, special connections, 2.5 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32 |