



#### General ordering data

|                  |                                                                                  |
|------------------|----------------------------------------------------------------------------------|
| Order No.        | 0661160000                                                                       |
| Part designation | EK 4/35                                                                          |
| Version          | Earth terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 35 |
| EAN              | 4008190038823                                                                    |
| Qty.             | 100 pc(s).                                                                       |

#### Additional technical data

|                                                  |                   |
|--------------------------------------------------|-------------------|
| Colour of insulating material                    | green/yellow      |
| Connection direction                             | on side           |
| End plate required                               | No                |
| Explosion-tested version "Ex e"                  | No                |
| Installation advice                              | TS 35             |
| 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                                       | closed            |
| Operating temperature range                      | - 50 °C, + 100 °C |
| Product family                                   | SAK Series        |
| Type of connection                               | Screwed           |
| Type of mounting                                 | Screwed           |
| UL 94 flammability rating of insulation material | V2                |
| Version                                          | PE terminal       |

#### CSA rating data

|                          |        |
|--------------------------|--------|
| Min. cross-section (CSA) | AWG 26 |
| Max. cross-section (CSA) | AWG 10 |

#### Conductors for clamping (additional 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, min.   | 0.33 mm <sup>2</sup> |
| Clamping range, max.   | 6 mm <sup>2</sup>    |
| Type of connection     | Screw connection     |
| 2nd type of connection | screwed              |

#### Conductors for clamping (rated connection)

|                                           |                      |
|-------------------------------------------|----------------------|
| Connection direction                      | on side              |
| No. of connections                        | 1                    |
| Stripping length                          | 12 mm                |
| Clamping screw                            | M 3                  |
| Blade size                                | 0.6 x 3.5 mm         |
| Tightening torque range                   | 0.5...1.0 Nm         |
| Gauge to IEC 60947-1                      | A4                   |
| Solid, min.                               | 0.5 mm <sup>2</sup>  |
| Solid, max.                               | 6 mm <sup>2</sup>    |
| Stranded, min.                            | 0.5 mm <sup>2</sup>  |
| Stranded, max.                            | 4 mm <sup>2</sup>    |
| Flexible, min.                            | 0.5 mm <sup>2</sup>  |
| Flexible, max.                            | 4 mm <sup>2</sup>    |
| Flexible with ferrule, min. (DIN 46228/1) | 0.5 mm <sup>2</sup>  |
| Flexible with ferrule, max. (DIN 46228/1) | 4 mm <sup>2</sup>    |
| AWG conductor size, min.                  | AWG 22               |
| AWG conductor size, max.                  | AWG 14               |
| AWG conductor size, min.                  | 0.33 mm <sup>2</sup> |
| AWG conductor size, max.                  | 5.26 mm <sup>2</sup> |

#### Dimensions

|                          |         |
|--------------------------|---------|
| Width                    | 6.5 mm  |
| Height of lowest version | 44 mm   |
| Length                   | 56.5 mm |
| TS 32 offset             | 4 mm    |
| TS 35 offset             | 28.5 mm |

#### PE rating data

|                                                      |                            |
|------------------------------------------------------|----------------------------|
| Centre screw on PE terminals                         | M 3                        |
| PEN function                                         | No                         |
| Pollution severity                                   | 3                          |
| Rated cross-section                                  | 4 mm <sup>2</sup>          |
| Rated impulse withstand voltage to adjacent terminal | 8 kV                       |
| Rated short-time current                             | 720 A (6 mm <sup>2</sup> ) |
| Rated voltage for adjacent terminal                  | 800 V                      |
| Standards                                            | IEC 60947-7-2              |
| Tightening torque range for fixing screw             | 0.5...1.0 Nm               |

#### Rating data

|                     |                   |
|---------------------|-------------------|
| Rated cross-section | 4 mm <sup>2</sup> |
| Standards           | IEC 60947-7-2     |
| Pollution severity  | 3                 |

#### UL rating data

|                         |        |
|-------------------------|--------|
| Min. cross-section (UL) | AWG 22 |
| Max. cross-section (UL) | AWG 12 |

## Approvals

Approvals institutes



## Downloads

STEP 0661160000\_07481\_EK\_4-35\_STP.stp

## 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 |

## Similar products

| Order No.  | Part designation    | Version                                                                            |
|------------|---------------------|------------------------------------------------------------------------------------|
| 0661060000 | EK 2.5/35           | Earth terminal, 2.5 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 35 |
| 0661260000 | EK 6/35             | Earth terminal, 6 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 35   |
| 0661360000 | EK 10/35            | Earth terminal, 10 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 35  |
| 0190160000 | EK 16/35            | Earth terminal, 16 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 35  |
| 0661460000 | EK 35/35            | Earth terminal, 35 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 35  |
| 1338300000 | EK 70/35/M.2ZB O.IK | Earth terminal, 70 mm <sup>2</sup> , Screw connection, green/yellow, TS 35         |
| 0535300000 | EK 95/35/1ZB BK     | Earth terminal, 95 mm <sup>2</sup> , Screw connection, green/yellow, TS 35         |
| 0535400000 | EK 95/35/2ZB BK     | Earth terminal, 95 mm <sup>2</sup> , Screw connection, TS 35                       |