

**SAKT E/35 2LD 120VAC**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Product image**

Earth-wire disconnect terminal helps detect earth faults and enables the earthing of the auxiliary circuit to be disconnected. The different kind of operation status is indicated by a red and green LED.

**General ordering data**

|                 |   |
|-----------------|---|
| Version         | Test-disconnect terminal, Screw connection, medium yellow, 6 mm <sup>2</sup> , 27 A, 120 V, Number of connections: 2, Number of levels: 1 |
| Order No.       | <a href="#">0198220000</a>  |
| Type            | SAKT E/35 2LD 120VAC  |
| GTIN (EAN)      | 4008190088019   |
| Qty.            | 5 items   |
| Delivery status | This article will no longer be available in the future.   |
| Available until | 2025-12-31T00:00:00+01:00   |

## SAKT E/35 2LD 120VAC

Weidmüller Interface GmbH & Co. KG  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

## Approvals

Approvals



RoHS Conform

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 52.5 mm | Depth (inches)  | 2.0669 inch |
| Height     | 65 mm   | Height (inches) | 2.5591 inch |
| Width      | 16 mm   | Width (inches)  | 0.6299 inch |
| Net weight | 59.31 g |                 |             |

## Temperatures

|                                  |                |                                  |                |
|----------------------------------|----------------|----------------------------------|----------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -60 °C...85 °C |
| Continuous operating temp., min. | -60 °C         | Continuous operating temp., max. | 130 °C         |

## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 7a, 7cl                              |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 999cd67e-471e-4085-8dba-1342fcea86de |

## Material data

|                           |          |        |               |
|---------------------------|----------|--------|---------------|
| Basic material            | KrG      | Colour | medium yellow |
| UL 94 flammability rating | V-0, 5VA |        |               |

## System specifications

|                                     |  |                               |     |
|-------------------------------------|--|-------------------------------|-----|
| Version                             | Screw connection, Special terminal longitudinal isolator, with LED, for screwable cross-connection | End cover plate required      | Yes |
| Number of potentials                | 1  | Number of levels              | 1   |
| Number of clamping points per level | 4  | Number of potentials per tier | 1   |
| Levels cross-connected internally   | No   | PE connection                 | No  |
| Mounting rail                       | TS 35  | N-function                    | No  |
| PE function                         | No   | PEN function                  | No  |

## Additional technical data

|                  |         |                     |                 |
|------------------|---------|---------------------|-----------------|
| Open sides       | right   | Installation advice | Direct mounting |
| Type of mounting | Snap-on |                     |                 |

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

## SAKT E/35 2LD 120VAC

Weidmüller Interface GmbH & Co. KG  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

## Conductors for clamping (rated connection)

|   |                     |   |                     |
|---|---------------------|---|---------------------|
| Gauge to IEC 60947-1  | A5                  | Wire connection cross section AWG, max.   | AWG 8               |
| Connection direction  | on side             | Stripping length  | 12 mm               |
| Type of connection 2  | Screw connection    | Type of connection  | Screw connection    |
| Number of connections   | 2                   | Clamping range, max.  | 10 mm <sup>2</sup>  |
| Clamping range, min.  | 0.5 mm <sup>2</sup> | Clamping screw  | M 3.5               |
| Blade size  | 4.0 x 0.8 mm        | Wire connection cross section AWG, min.   | AWG 22              |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 6 mm <sup>2</sup>   | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 6 mm <sup>2</sup>   | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, max.                                    | 6 mm <sup>2</sup>   | Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup> |
| Connection cross-section, stranded, max.  | 6 mm <sup>2</sup>   | Connection cross-section, stranded, min. 0.5 mm <sup>2</sup>                            |                     |
| Wire connection cross-section, solid core, max.   | 10 mm <sup>2</sup>  | Wire connection cross-section, solid core, min.   | 0.5 mm <sup>2</sup> |
| Connection cross-section, finely stranded, min.   | 0.5 mm <sup>2</sup> |   |                     |

## General

|   |        |                     |                 |
|---|--------|---------------------|-----------------|
| Wire connection cross section AWG, max. | AWG 8  | Installation advice | Direct mounting |
| Wire connection cross section AWG, min. | AWG 22 | Mounting rail       | TS 35           |

## Rating data

|  |                   |   |        |
|--|-------------------|---|--------|
| Rated cross-section                          | 6 mm <sup>2</sup> | Rated voltage                               | 120 V  |
| Rated AC voltage                             | 120 V             | Rated DC voltage                            | 60 V   |
| Nominal current                              | 27 A              | Current at maximum wires                    | 27 A   |
| Volume resistance according to IEC 60947-7-x | 0.78 mΩ           | Power loss in accordance with IEC 60947-7-x | 1.31 W |
| Pollution severity                           | 3                 |   |        |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000902    | ETIM 9.0    | EC000902    |
| ETIM 10.0   | EC000902    | ECLASS 14.0 | 27-25-01-09 |
| ECLASS 15.0 | 27-25-01-09 |             |             |

## SAKT E/35 2LD 120VAC

Weidmüller Interface GmbH & Co. KG  
Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Accessories

## End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | EW 35                      | Version  |
| Order No.  | <a href="#">0383560000</a> | End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C |
| GTIN (EAN) | 4008190181314              |  |
| Qty.       | 50 ST                      |  |
| Type       | EWK 1                      | Version  |
| Order No.  | <a href="#">0206160000</a> | End bracket, beige, TS 32, V-0, Wemid, Width: 9 mm, 100 °C   |
| GTIN (EAN) | 4008190080020              |  |
| Qty.       | 50 ST                      |  |

## Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

## General ordering data

|            |                            |                            |
|------------|----------------------------|----------------------------|
| Type       | BZT 1 WS 10/5              | Version                    |
| Order No.  | <a href="#">1805490000</a> | Accessories, Marker holder |
| GTIN (EAN) | 4032248270231              |                            |
| Qty.       | 100 ST                     |                            |
| Type       | BZT 1 ZA WS 10/5           | Version                    |
| Order No.  | <a href="#">1805520000</a> | Accessories, Marker holder |
| GTIN (EAN) | 4032248270248              |                            |
| Qty.       | 100 ST                     |                            |