

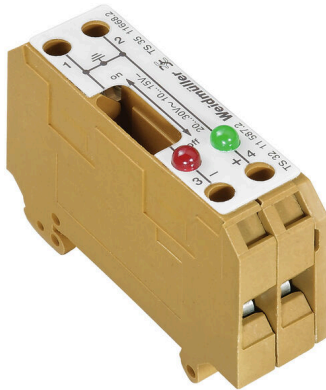
SAKT E/35 2LD 30VAC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 ² , 27 A, 30 V, Number of connections: 2, Number of levels: 1 |
| Order No. | 1166820000 |
| Type | SAKT E/35 2LD 30VAC |
| GTIN (EAN) | 4008190048082 |
| Qty. | 5 items |

SAKT E/35 2LD 30VAC

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

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 | 64.28 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 30VAC

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Conductors for clamping (rated connection)

| | | | |
|---|---------------------|---|---------------------|
| Gauge to IEC 60947-1 | A5 | Wire connection cross section AWG, max. | AWG 22 |
| 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 ² |
| Clamping range, min. | 0.5 mm ² | Clamping screw | M 3.5 |
| Blade size | 4.0 x 0.8 mm | Wire connection cross section AWG, min. | AWG 8 |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 6 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 6 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² |
| Wire connection cross section, finely stranded, max. | 6 mm ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Connection cross-section, stranded, max. | 6 mm ² | Connection cross-section, stranded, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 10 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |
| Connection cross-section, finely stranded, min. | 0.5 mm ² | | |

General

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

Rating data

| | | | |
|--|-------------------|---|--------|
| Rated cross-section | 6 mm ² | Rated voltage | 30 V |
| Rated AC voltage | 30 V | Rated DC voltage | 15 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 | | |

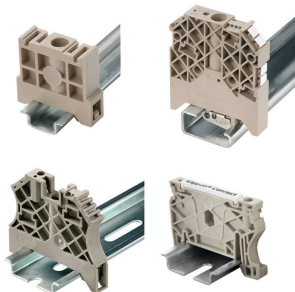
SAKT E/35 2LD 30VAC

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

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. | 0383560000 | 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. | 0206160000 | 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. | 1805490000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270231 | |
| Qty. | 100 ST | |
| Type | BZT 1 ZA WS 10/5 | Version |
| Order No. | 1805520000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270248 | |
| Qty. | 100 ST | |