

**SAKT E/35 2LD 60VAC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Why not integrating simple electrical functions into a feed through terminal. It has the same slim design of our feed-through terminal blocks - with additional functions such as cross-connections that can be used. Often, you only need a small component to integrate an external device into your automation technology. Our modular terminal blocks with electronic components make this possible; quickly, simply, and with a perfect fit.

**General ordering data**

|            |                                                                                                                                                                |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | Test-disconnect terminal, Screw connection, 6 mm <sup>2</sup> , 60 V, 27 A, without, Cross-disconnect: without, Integral test socket: No, TS 35, medium yellow |
| Order No.  | <a href="#">0197920000</a>                                                                                                                                     |
| Type       | SAKT E/35 2LD 60VAC                                                                                                                                            |
| GTIN (EAN) | 4008190139278                                                                                                                                                  |
| Qty.       | 5 pc(s).                                                                                                                                                       |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 52.5 mm | Depth (inches)  | 2.067 inch |
| Height     | 65 mm   | Height (inches) | 2.559 inch |
| Width      | 16 mm   | Width (inches)  | 0.63 inch  |
| Net weight | 61.54 g |                 |            |

## Temperatures

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

## Material data

|                           |          |        |               |
|---------------------------|----------|--------|---------------|
| 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  |
| Rail                                | TS 35                                                                                              | N-function                    | No  |
| PE function                         | No                                                                                                 | PEN function                  | No  |

## Additional technical data

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

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

## Conductors for clamping (rated connection)

|                                                                                         |                     |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------|---------------------|
| Blade size                                                                              | 4.0 x 0.8 mm        | Clamping range, max.                                                                    | 10 mm <sup>2</sup>  |
| Clamping range, min.                                                                    | 0.5 mm <sup>2</sup> | Clamping screw                                                                          | M 3.5               |
| Connection direction                                                                    | on side             | Gauge to IEC 60947-1                                                                    | A5                  |
| Number of connections                                                                   | 2                   | Stripping length                                                                        | 12 mm               |
| Type of connection                                                                      | Screw connection    | Type of connection 2                                                                    | Screw connection    |
| 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> |
| 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 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, solid core, max.                                         | 10 mm <sup>2</sup>  | Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup> |

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## Technical data

## General

|                     |                 |      |       |
|---------------------|-----------------|------|-------|
| Installation advice | Direct mounting | Rail | TS 35 |
|---------------------|-----------------|------|-------|

## Rating data

|                                              |                   |                                             |        |
|----------------------------------------------|-------------------|---------------------------------------------|--------|
| Rated cross-section                          | 6 mm <sup>2</sup> | Rated voltage                               | 60 V   |
| Rated AC voltage                             | 60 V              | Rated DC voltage                            | 30 V   |
| Rated 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 6.0    | EC000902    | ETIM 7.0    | EC000902    |
| ETIM 8.0    | EC000902    | ETIM 9.0    | EC000902    |
| ECLASS 9.0  | 27-14-11-26 | ECLASS 9.1  | 27-14-11-26 |
| ECLASS 10.0 | 27-14-11-26 | ECLASS 11.0 | 27-14-11-26 |
| ECLASS 12.0 | 27-14-11-26 | ECLASS 13.0 | 27-25-01-09 |

## Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 999cd67e-471e-4085-8dba-1342fcea86de |

## Approvals

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

## Downloads

|                                             |                                                 |
|---------------------------------------------|-------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity</a>       |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                 |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>        |

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## Accessories

## TS 32

TS 32

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       | EWK 1                      | Version                                                 |
| Order No.  | <a href="#">0206160000</a> | End bracket, Wemid, beige, Rail: TS 32, when screwed in |
| GTIN (EAN) | 4008190080020              |                                                         |
| Qty.       | 50 pc(s).                  |                                                         |

## SAK-Series

SAK  
Series

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, Wemid, beige, Rail: TS 35, when screwed in |
| GTIN (EAN) | 4008190181314              |                                                         |
| Qty.       | 50 pc(s).                  |                                                         |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****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 ZA WS 10/5           | Version                    |
| Order No.  | <a href="#">1805520000</a> | Accessories, Marker holder |
| GTIN (EAN) | 4032248270248              |                            |
| Qty.       | 100 pc(s).                 |                            |
| Type       | BZT 1 WS 10/5              | Version                    |
| Order No.  | <a href="#">1805490000</a> | Accessories, Marker holder |
| GTIN (EAN) | 4032248270231              |                            |
| Qty.       | 100 pc(s).                 |                            |