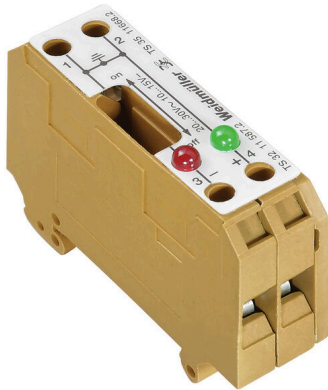


**SAKT E/35 2LD 30VAC**

**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 <sup>2</sup> , 27 A, 30 V, Number of connections: 2, Number of levels: 1
Order No.	<a href="#">1166820000</a>
Type	SAKT E/35 2LD 30VAC
GTIN (EAN)	4008190048082
Qty.	5 items

## SAKT E/35 2LD 30VAC

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## 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
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**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 <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 8
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 22	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 8	Mounting rail	TS 35

**Rating data**

Rated cross-section	6 mm <sup>2</sup>	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		