

**SAK Series**  
**SAKT 1/35/LT STB**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
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Germany  
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**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

Type	SAKT 1/35/LT STB
Order No.	<a href="#">0105620000</a>
Version	SAK Series, Test-disconnect terminal, Rated cross-section: 6 mm <sup>2</sup> , Screw connection, Medium Yellow, Direct mounting
GTIN (EAN)	4008190079338
Qty.	50 pc(s).

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**Technical data****Dimensions and weights**

Width	8 mm	Width (inches)	0.315 inch
Height	65 mm	Height (inches)	2.559 inch
Depth	52.5 mm	Depth (inches)	2.067 inch
Net weight	30.06 g		

**Temperatures**

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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**Material data**

Material	KrG	Colour	Medium Yellow
UL 94 flammability rating	V-0, 5VA		

**System specifications**

Version	Screw connection, Special terminal longitudinal isolator, with sockets, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
No. of clamping points per level	2	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**

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

**CSA rating data**

Certificate No. (CSA)	12400-198	Current size C (CSA)	25 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	26 AWG		

**Conductors for clamping (additional connection)**

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm <sup>2</sup>
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**Technical data****Conductors for clamping (rated connection)**

Blade size	4.0 x 0.8 mm	Clamping range, rated connection, max.	10 mm <sup>2</sup>
Clamping range, rated connection, min.	0.13 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
Torque level with DMS electric screwdriver	3	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	6 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	10 mm <sup>2</sup>
Wire connection cross section, solid core, min. rated connection	0.5 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, max.	10 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>

**Disconnect terminals**

Cross-disconnect	without	Integral test socket	Yes
Slitting	sliding		

**Rating data**

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	400 V
Rated current	41 A	Current at maximum wires	57 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size C (UR)	25 A
Voltage size C (UR)	300 V		

**Classifications**

ETIM 3.0	EC000902	ETIM 4.0	EC000902
ETIM 5.0	EC000902	ETIM 6.0	EC000902
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-26
eClass 6.2	27-14-11-26	eClass 7.1	27-14-11-26
eClass 8.1	27-14-11-26	eClass 9.0	27-14-11-26
eClass 9.1	27-14-11-26		

**Product information**

Descriptive text technical data	10 mm <sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.
Descriptive text accessories	To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

**Data sheet****SAK Series  
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**Technical data****Approvals**

Approvals



ROHS

Conform

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Engineering Data

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Safety notice

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