

**SAK Series
SAKS 4/35**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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Product image**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	SAKS 4/35
Order No.	0501820000
Version	SAK Series, Fuse terminal, Rated cross-section: 10 mm ² , Screw connection, medium yellow, Direct mounting
GTIN (EAN)	4008190090166
Qty.	20 pc(s).

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Catalogue status 24.07.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Width	24 mm	Width (inches)	0.945 inch
Height	75 mm	Height (inches)	2.953 inch
Depth	65 mm	Depth (inches)	2.559 inch
Depth including DIN rail	66 mm	Net weight	77.2 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °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, Fuse cartridge, for screwable cross-connection, One end without connector	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	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

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

CSA rating data

Certificate No. (CSA)	12400-188	Current size B (CSA)	30 A
Current size C (CSA)	30 A	Current size D (CSA)	5 A
Voltage size B (CSA)	600 V	Voltage size C (CSA)	600 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	22 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	10 mm ²
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Technical data
Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	16 mm ²
Clamping range, min.	0.33 mm ²	Clamping screw	M 4
Connection cross-section, stranded, max.	10 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	B6
Number of connections	2	Stripping length	14 mm
Tightening torque, max.	2.4 Nm	Tightening torque, min.	1.2 Nm
Torque level with DMS electric screwdriver	4	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded, max.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 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, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Display element

Operating voltage for display, max.	400 V	Type of voltage for indicator	AC/DC
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Fuse terminals

Cartridge fuse	E14	Display	Without LED
Fuse holder (cartridge holder)	for screw fixing	Operating voltage, max.	400 V
Type of voltage for indicator	AC/DC		

Rating data

Rated cross-section	10 mm ²	Rated voltage	400 V
Rated current	16 A	Current at maximum wires	16 A
Standards	IEC 60947-7-3	Volume resistance according to IEC 60947-7-x	0.56 mΩ
Power loss in accordance with IEC 60947-7-x	1.82 W	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)	30 A
Voltage size C (UR)	600 V		

Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
eClass 9.0	27-14-11-16	eClass 9.1	27-14-11-16
eClass 10.0	27-14-11-16	UNSPSC	30-21-18-11

Data sheet

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Technical data

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of Conformity

[EAC certificate](#)
[Lloyds Register Certificate](#)
[MARITREG Certificate](#)
[DE_PT1313_20160418_600_ISSUE01.pdf](#)
[Declaration of Conformity Terminals](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

Engineering Data

[STEP](#)

User Documentation

[StorageConditionsTerminalBlocks](#)

Safety note

Safety notice

[Safety Information](#)