

SAK Series
SAKC 4/35

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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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	SAKC 4/35
Order No.	0357520000
Version	SAK Series, Test-disconnect terminal, Rated cross-section: 4 mm ² , Screw connection, Medium Yellow, Direct mounting
GTIN (EAN)	4008190185077
Qty.	100 pc(s).

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Technical data
Dimensions and weights

Width	6.5 mm	Width (inches)	0.256 inch
Height	6.5 mm	Height (inches)	0.256 inch
Depth	59.5 mm	Depth (inches)	2.343 inch
Weight	19.5 g	Net weight	18.71 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, Disconnection element, 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
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	12400-190	Current size C (CSA)	25 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	10 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.	4 mm ²
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Technical data**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	6 mm ²
Clamping range, rated connection, min.	0.33 mm ²	Clamping screw	M 3
Connection direction		Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²
	on side	Number of connections	2
Gauge to IEC 60947-1	A4	Tightening torque, max.	1 Nm
Stripping length	12 mm	Torque level with DMS electric screwdriver	2
Tightening torque, min.	0.5 Nm	Wire connection cross section AWG, max.	AWG 10
Type of connection	Screw connection	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm ²
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, solid core, min. rated connection	0.5 mm ²
Wire connection cross section, solid core max. rated connection	6 mm ²	Wire connection cross section, stranded, rated connection, min.	1.5 mm ²
Wire connection cross section, stranded, rated connection, max.	4 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	4 mm ²		

Disconnect terminals

Cross-disconnect	without	Integral test socket	No
Slitting	pluggable		

Rating data

Rated cross-section	4 mm ²	Rated voltage	400 V
Rated current	25 A	Current at maximum wires	25 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3

Classifications

ETIM 3.0	EC000902	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC000902
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-26
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
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 ordering data	SAKC 4/35 2 StB order no. 0340620000. Tightening torque via the sockets is 0.5 - 0.7 Nm.
Descriptive text accessories	Dummy plug and pull out tool see chapter accessories

Data sheet**SAK Series**
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Approvals



ROHS

Conform

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Engineering Data

[EPLAN_WSCAD](#)

User Documentation

[Beipackzettel_SAKC_SAKA.pdf](#)**Safety note**

Safety notice

[Safety Information](#)