

SAK Series
SAKC 10/35 1STB4 KRG**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

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www.weidmueller.com



Disconnect terminals enable circuits to be quickly and safely isolated, e.g. in order to carry out maintenance or repair work.

General ordering data

Type	SAKC 10/35 1STB4 KRG
Order No.	1404520000
Version	SAK Series, Test-disconnect terminal, Rated cross-section: 10 mm ² , Screw connection, Medium Yellow, Direct mounting
GTIN (EAN)	4008190170400
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Length	65 mm	Width	12 mm
Height	48.5 mm	Height of lowest version	48.5 mm
Net weight	48.24 g		

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Open sides	right	Type of mounting	Snap-on
Version	Screw connection, Disconnection element, with sockets, for screwable cross-connection, One end without connector		

CSA ratings data

Certificate No. (CSA)	12400-186	Voltage size C (CSA)	600 V
Voltage size D (CSA)	600 V	Current size C (CSA)	25 A
Current size D (CSA)	5 A	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	20 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	10 mm ²
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Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	12 mm
Blade size	1.0 x 5.5 mm	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	0.5 mm ²
Clamping range, rated connection, max.	10 mm ²	Clamping screw	M 4
Tightening torque, min.	1.2 Nm	Tightening torque, max.	2.4 Nm
Torque level with DMS electric screwdriver	4	Gauge to IEC 60947-1	B6
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	10 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	10 mm ²
Wire connection cross section, finely stranded, max.	10 mm ²	Wire connection cross-section, finely stranded, min.	0.5 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, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	10 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	10 mm ²

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Technical data
Rated data

Rated cross-section	10 mm ²	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	27 A
Current at maximum wires	27 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	600 V
Current size C (UR)	25 A	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	8 AWG

Material data

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

System specifications

Product family	SAK Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 3.0	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		

Product information

Descriptive text ordering data	SAKC 10/35 2 StB4 Order No. 1404620000 Tightening torque via the sockets is 1.2 Nm.
Descriptive text technical data	Connections for stranded conductors from 10 mm ² require a tightening torque of 2 Nm.
Descriptive text accessories	Pull out force look under Accessories.

Approvals

Approvals



ROHS

Conform