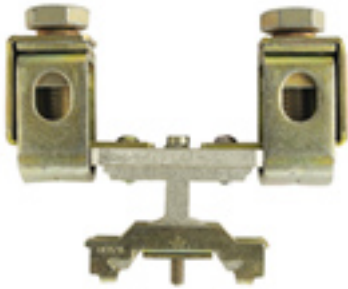


**SAK Series
EK 95/35/2ZB BK**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



The PE terminals are available with rated cross-sections from 1.5 mm² to 150 mm².

General ordering data

Type	EK 95/35/2ZB BK
Order No.	0535400000
Version	SAK Series, PE terminal, Rated cross-section: 95 mm ² , Screw connection
GTIN (EAN)	4008190168797
Qty.	10 pc(s).

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Technische Daten

Dimensions and weights

Length	76.5 mm	Width	25 mm
Height	90.5 mm	Height of lowest version	90.5 mm
Net weight	378.9 g		

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	closed	Type of mounting	Screwed
Version	Screw connection, With PE connection		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	10 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	95 mm ²
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Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	27 mm
Connection direction	on side	Number of connections	2
Clamping range, rated connection, min.	10 mm ²	Clamping range, rated connection, max.	120 mm ²
Clamping screw	M 10	Tightening torque, min.	10 Nm
Tightening torque, max.	20 Nm	Gauge to IEC 60947-1	B12
Wire connection cross section, solid core, max. rated connection	10 mm ²	Wire connection cross section, solid core max. rated connection	16 mm ²
Wire connection cross section, stranded, rated connection, min.	10 mm ²	Wire connection cross section, stranded, rated connection, max.	95 mm ²
Wire connection cross section, finely stranded, max.	95 mm ²	Wire connection cross-section, finely stranded, min.	16 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	10 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	95 mm ²
Wire connection cross section AWG, min.	AWG 6	Wire connection cross section AWG, max.	AWG 4/0

Rated data

Rated cross-section	95 mm ²	Rated impulse withstand voltage to adjacent terminal	8 kV
Rated current	1,000 A	Standards	IEC 60947-7-2
Pollution severity	3		

Material data

Colour	Yellow, Green	UL 94 flammability rating	V-2
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www.weidmueller.com**Technische Daten****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	No		

Classifications

ETIM 3.0	EC000901	UNSPSC	30-21-18-11
eClass 5.1	27-14-03-05	eClass 6.2	27-14-03-05
eClass 7.1	27-14-03-05		

Product information

Descriptive text technical data	Tightening torque for stranded conductors of 35 mm ² and larger = 16 Nm
Descriptive text accessories	To fix the terminals use the copper rail TS35 order no. 0270100000.

Approvals

Approvals



ROHS

Conform