

**SAK Series
EK 16**

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



In order to do justice to the different requirements placed on our products, it is necessary to use various insulating materials tailored to the particular application. None of the insulating materials used by Weidmüller contain any hazardous substances. Above all, we ensure that all our materials are free from cadmium. Furthermore, they contain no colour pigments based on heavy metals and do not lead to the formation of dioxin/furan.

General ordering data

Order No.	0374660000
Type	EK 16
Version	SAK Series, PE terminal, Rated cross-section: 16 mm ² , Screw connection, PA 66, green / yellow, Direct mounting
GTIN (EAN)	4008190139889
Qty.	50 pc(s).

SAK Series
EK 16

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

Technical data
Dimensions and weights

Length	50 mm	Width	12 mm
Height	57.5 mm	Height of lowest version	57.5 mm
Weight	48.5 g	Net weight	46.6 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	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	closed
Type of mounting	Screwed	Version	Screw connection, With PE connection, One end without connector

CSA ratings data

Certificate No. (CSA)	12400-127	Voltage size C (CSA)	600 V
Current size C (CSA)	80 A	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	10 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	4 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	16 mm ²
---	-------------------	---	--------------------

Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	16 mm
Blade size	1.0 x 5.5 mm	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	2.5 mm ²
Clamping range, rated connection, max.	16 mm ²	Clamping screw	M 4
Tightening torque, min.	2 Nm	Tightening torque, max.	2.4 Nm
Gauge to IEC 60947-1	B6	Wire connection cross section, solid core, max. rated connection	2.5 mm ²
Wire connection cross section, solid core max. rated connection	16 mm ²	Wire connection cross section, stranded, rated connection, min.	2.5 mm ²
Wire connection cross section, stranded, rated connection, max.	16 mm ²	Wire connection cross section, finely stranded, max.	16 mm ²
Wire connection cross-section, finely stranded, min.	2.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	4 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	16 mm ²	Wire connection cross section AWG, min.	AWG 12
Wire connection cross section AWG, max.	AWG 6		

**SAK Series
EK 16**

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

Technical data

Rated data

Rated cross-section	16 mm ²	Rated voltage to adjoining terminal	800 V
Rated impulse withstand voltage to adjacent terminal	8 kV	Standards	IEC 60947-7-2
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693VOL1SEC9	Conductor size Factory wiring max. (UR)	6 AWG
Conductor size Factory wiring min. (UR)	10 AWG	Conductor size Field wiring max. (UR)	6 AWG

Material data

Insulating material	PA 66	Material	PA 66
Colour	Yellow, Green	UL 94 flammability rating	V-2

System specifications

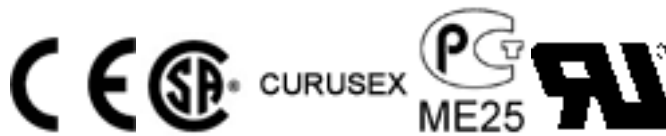
Product family	SAK Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 32
End cover plate required	No		

Classifications

ETIM 2.0	EC000901	ETIM 3.0	EC000901
UNSPSC	30-21-18-11	eClass 4.1	27-14-03-05
eClass 5.1	27-14-03-05	eClass 6.2	27-14-03-05
eClass 7.1	27-14-03-05		

Approvals

Approvals



ROHS

Conform