

**SAK terminal with screw connection
EK 4**

Weidmüller Interface GmbH & Co. KG
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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

Material number	0354560000
Short text for material	EK 4
Article - short description	SAK terminal with screw connection, Earth terminal, Rated cross-section: 4 mm ² , Screw connection, PA 66, green/yellow, Direct mounting
EAN	4008190104849
Qty.	100 pc(s).

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Technical data

Temperatures

Operating temperature	Storage temperature
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CSA ratings data

Certificate no.	12400-235	Conductor cross-section, max.	10 AWG
Conductor cross-section, min.	26 AWG		

UL ratings data

Certificate no.	E60693VOL1SEC9	Conductor size Factory wiring, max	12 AWG
Conductor size Factory wiring, min	26 AWG	Conductor size Field wiring, max	12 AWG

Approvals

Approvals	CE; CSA; CURUSEX; GOSTEX; GOSTME25; IECEXKEM; KEMAATEX; KEMAKEUR; UR
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IECEX/ATEX rating data

Certificate no.	KEMA97ATEX1798U	ATEX certificate	KEMA97ATEX1798U_d.pdf
ATEX certificate	KEMA97ATEX1798U_e.pdf	Certificate no.	IECEXKEM06.0014U
Conductor cross-section, max.	4 mm ²	Conductor cross-section, max.	4 mm ²
Voltage, cross-connection	CrossConnectionGuide.pdf	Operating temperature range	
Marking EN 60079-7	Ex e II		

Material data

Colour	yellow green	Flammability class UL 94	V-2
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System specifications

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

Additional technical data

Explosion-tested version	Yes	Installation advice	Direct mounting
Number of identical terminals	1	Open sides	closed
Type of mounting	Screwed		

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Technical data

Conductors for clamping (additional connection)

Type of connection	Screw connection	Clamping screw	M 3
Blade size	0.6 x 3.5 mm	Tightening torque, max.	1 Nm
Tightening torque, min.	0.5 Nm	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.	4 mm ²	Conductor connection cross-section AWG, min.	AWG 22
Conductor connection cross-section AWG, max.	AWG 10		

Conductors for clamping (rated connection)

Type of connection	Screw connection	Stripping length	12 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
No. of connections	2	Clamping range, rated connection, min.	0.33 mm ²
Clamping range, rated connection, max.	6 mm ²	Clamping screw	M 3
Tightening torque, min.	0.5 Nm	Tightening torque, max.	1 Nm
Gauge to IEC 60947-1	A4	Conductor cross-section, solid, min.	0.5 mm ²
Conductor cross-section, solid, max.	6 mm ²	Conductor cross-section, stranded, rated connection, min.	0.5 mm ²
Conductor cross-section, stranded, rated connection, max.	4 mm ²	Conductor cross-section, flexible, max.	4 mm ²
Conductor cross-section, flexible plus plastic collar DIN 46228/1, rated connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, rated connection, max.	4 mm ²
Conductor connection cross-section AWG, min.	AWG 22	Conductor connection cross-section AWG, max.	AWG 10

Dimensions

Length	40 mm	Width	8 mm
Height	51.5 mm	Weight	22.99 g

Rating data

Rated cross-section	4 mm ²	Standards	IEC 60947-7-2
Pollution severity	3		

Classifications

ETIM 2.0	EC000901	ETIM 3.0	EC000901
ETIM 4.0	EC000491	UNSPSC	30-21-18-11
eClass 4.1	27-14-03-05	eClass 5.1	27-14-03-05
eClass 6.0	27-14-03-05		

Downloads

DXF	07238_EK_4_DXF.dxf
STEP	0354560000_07238_EK_4_STP.stp