

**SAK Series
EK 10/35**

Weidmüller Interface GmbH & Co. KG
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www.weidmueller.com



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

General ordering data

Type	EK 10/35
Order No.	0661360000
Version	SAK Series, PE terminal, Rated cross-section: 10 mm ² , Screw connection, PA 66, green / yellow
GTIN (EAN)	4008190080594
Qty.	100 pc(s).

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Technical data
Dimensions and weights

Width	10 mm	Height	56 mm
Height of lowest version	45 mm	Depth	45 mm
Net weight	30.03 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C
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Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	closed	Type of mounting	Screwed
Version	Screw connection, With PE connection, closed		

CSA ratings data

Certificate No. (CSA)	200039-2124451	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	14 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
Gauge to IEC 60947-1	B6	Wire connection cross section, solid core, min. 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.	6 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	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section AWG, max.	AWG 8		

Rated data

Rated cross-section	10 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		

Data sheet

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Technical data

UL ratings data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	14 AWG	Conductor size Field wiring max. (UR)	8 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 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		

Approvals

Approvals



ROHS Conform