

## SAK Series EK 6/35

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The PE terminals are available with rated cross-sections from 1.5 mm<sup>2</sup> to 150 mm<sup>2</sup>.

### General ordering data

Type	EK 6/35
Order No.	<a href="#">066126000</a>
Version	SAK Series, PE terminal, Rated cross-section: 6 mm <sup>2</sup> , Screw connection, PA 66, green / yellow
GTIN (EAN)	4008190096588
Qty.	100 pc(s).

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## Technische Daten

### Dimensions and weights

Length	56.5 mm	Width	8 mm
Height	44 mm	Height of lowest version	44 mm
Net weight	24.43 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, closed		

### CSA ratings data

Certificate No. (CSA)	12400-234	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	26 AWG		

### Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm <sup>2</sup>
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### Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	12 mm
Blade size	4.0 x 0.8 mm	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	0.5 mm <sup>2</sup>
Clamping range, rated connection, max.	10 mm <sup>2</sup>	Clamping screw	M 3.5
Tightening torque, min.	1.2 Nm	Tightening torque, max.	1.6 Nm
Gauge to IEC 60947-1	A5	Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>
Wire connection cross section, solid core max. rated connection	10 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, min.	1.5 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, max.	6 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	10 mm <sup>2</sup>
Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	6 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section AWG, max.	AWG 8		

### Rated data

Rated cross-section	6 mm <sup>2</sup>	Rated voltage to adjoining terminal	800 V
Rated impulse withstand voltage to adjacent terminal	8 kV	Standards	IEC 60947-7-2
Pollution severity	3		

**Datenblatt**

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**Technische Daten**

**UL ratings data**

Certificate No. (UR)	E60693	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**

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		

**Product information**

Descriptive text technical data	For AWG 8-7 and AWG 8-19, tightening torque is 1.21.4 Nm
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**Approvals**

Approvals



ROHS	Conform
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**Downloads**

STEP	<a href="#">0661260000_07482_EK_6-35_STP.stp</a>
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