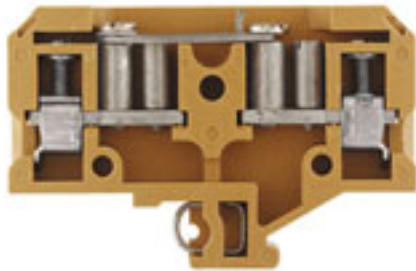


**SAK Series**  
**SAKA 10****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

Special instruments are required for measuring electrical energy. One wrong connection during maintenance work is enough to ruin a current transformer! Disconnect test terminals represent a reliable way of solving this problem. As a leading supplier of line connectors, Weidmüller has developed special disconnect test terminals in close cooperation with users. These modular terminals ensure optimum realisation of all important circuits for the measurement of current, voltage and energy. Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be implemented.

**General ordering data**

Type	SAKA 10
Order No.	<a href="#">0134120000</a>
Version	SAK Series, Test-disconnect terminal, Rated cross-section: 10 mm <sup>2</sup> , Screw connection, Medium Yellow, Direct mounting
GTIN (EAN)	4008190083380
Qty.	25 pc(s).

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**Technical data****Dimensions and weights**

Length	82 mm	Width	12 mm
Height	55.5 mm	Height of lowest version	55.5 mm
Net weight	63.28 g		

**Temperatures**

Operating temperature		Storage temperature	
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

**Additional technical data**

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting		Version	Screw connection, Disconnection element, with sockets, One end without connector
	Snap-on		

**CSA ratings data**

Certificate No. (CSA)	12400-189	Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V	Voltage size D (CSA)	600 V
Current size B (CSA)	35 A	Current size C (CSA)	35 A
Current size D (CSA)	5 A	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	18 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.	10 mm <sup>2</sup>
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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 <sup>2</sup>
Clamping range, rated connection, max.	10 mm <sup>2</sup>	Clamping screw	M 4
Tightening torque, min.	1.2 Nm	Tightening torque, max.	2.4 Nm
Torque level with DMS electric screwdriver	4	Gauge to IEC 60947-1	B6
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.	10 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.	10 mm <sup>2</sup>
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	10 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 18	Wire connection cross section AWG, max.	AWG 8

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**Data sheet**

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**Technical data**

**Disconnect terminals**

Integral test socket	Yes	Tightening torque, max.	2.4 Nm
Tightening torque, min.	1.2 Nm	Torque level with DMS electric screwdriver	4

**Rated data**

Rated cross-section	10 mm <sup>2</sup>	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	47 A
Current at maximum wires	47 A	Standards	IEC 60947-7-1
Pollution severity	3		

**Material data**

Material	KrG	Colour	Medium Yellow
UL 94 flammability rating	V-0, 5VA		

**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	Yes		

**Classifications**

ETIM 3.0	EC000897	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-26	eClass 6.2	27-14-11-26
eClass 7.1	27-14-11-26		

**Product information**

Descriptive text technical data	10 mm <sup>2</sup> stranded can be connected with 2 Nm tightening torque.
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**Approvals**

Approvals



ROHS	Conform
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