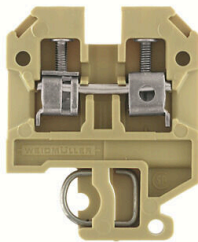


SAK 2.5/TC AL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	Thermocouple terminal, Screw connection, beige / yellow, 2.5 mm ² , Number of connections: 2, Number of levels: 1, TS 32, V-2, PA 66
Order No.	0107160000
Type	SAK 2.5/TC AL
GTIN (EAN)	4008190188726
Qty.	25 items
Delivery status	This article will no longer be available in the future.
Last order date	2026-06-30T00:00:00+02:00

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.8307 inch
Height	36.5 mm	Height (inches)	1.437 inch
Width	6 mm	Width (inches)	0.2362 inch
Net weight	8.57 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...55 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

System specifications

Version	Screw connection, Thermocouple, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 32	N-function	No
PE function	No	PEN function	No

Additional technical data

Open sides	right	Number of similar terminals	1
Installation advice	Direct mounting	Explosion-tested version	No
Type of mounting	Snap-on		

Conductors for clamping (additional connection)

Conductor cross-section, flexible with plastic collar (DIN 46228/1) (further connection), max.	4 mm ²
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Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 14	Connection direction	on side
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.4 Nm
Stripping length	10 mm	Type of connection	Screw connection
Number of connections	2	Clamping range, max.	2.5 mm ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 26
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.13 mm ²
Wire connection cross-section, finely stranded, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	0.13 mm ²
Connection cross-section, stranded, max.	2.5 mm ²	Connection cross-section, stranded, min.	0.13 mm ²
Wire connection cross-section, solid core, max.	2.5 mm ²	Wire connection cross-section, solid core, min.	0.13 mm ²

General

Wire connection cross section AWG, max.	AWG 14	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 26	Standards	IEC 60584, IEC 60947-7-1
Mounting rail	TS 32		

Rating data

Rated cross-section	2.5 mm ²	Standards	IEC 60584, IEC 60947-7-1
Volume resistance	1.33 mΩ	Power loss in accordance with IEC 60947-7-x	0.77 W
Pollution severity	3		

Classifications

ETIM 8.0	EC000904	ETIM 9.0	EC000904
ETIM 10.0	EC000904	ECLASS 14.0	27-25-01-15
ECLASS 15.0	27-25-01-15		