Data sheet

SAK 2.5 K.IN

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



RoHS COMPLIANT

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	Feed-through terminal block, Screw connection, beige / yellow, 2.5 mm², 24 A, 800 V, Number of connections: 2
Order No.	9520320000
Type	SAK 2.5 K.IN
GTIN (EAN)	4008190460075
Qty.	100 items
Delivery status	This article will no longer be available in the future.
Last order date	2026-06-30T00:00:00+02:00
Alternative product	SAK 2.5

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	44 mm	Depth (inches)	1.7323 inch
Height	36.5 mm	Height (inches)	1.437 inch
Width	6 mm	Width (inches)	0.2362 inch
Net weight	8.6 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, for screwable cross-connection, 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

Explosion-tested version	No	Type of mounting	Snap-on

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 10	Connection direction	on side
Stripping length	10 mm	Type of connection	Screw connection

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Number of connections	2	Clamping range, max.	6 mm²
Clamping range, min.	0.13 mm²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.13 mm²
Wire connection cross-section, finely stranded, max.	4 mm²	Wire connection cross section, finely stranded, min.	0.13 mm²
Connection cross-section, stranded, max.	4 mm²	Connection cross-section, stranded, min.	0.13 mm²
Wire connection cross-section, solid core, max.	6 mm²	Wire connection cross-section, solid core, min.	0.13 mm²
Connection cross-section, finely stranded (rated connection), min.	0.13 mm²		

General

Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-1	Mounting rail	TS 32

Rating data

Rated cross-section	2.5 mm²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	24 A
Current at maximum wires	24 A	Standards	IEC 60947-7-1
Volume resistance	1.33 mΩ	Power loss in accordance with IEC 60947-7-x	0.77 W

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		