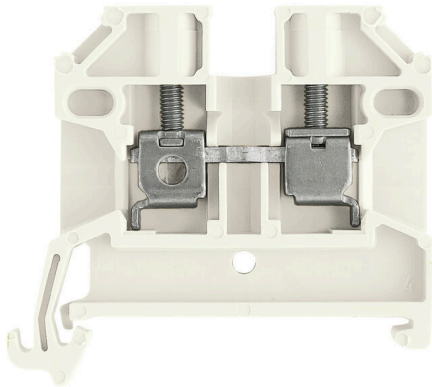


SAK 2.5/35 WS**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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, white, 2.5 mm ² , 24 A, Number of connections: 2
Order No.	2572380000
Type	SAK 2.5/35 WS
GTIN (EAN)	4050118582390
Qty.	100 items
Delivery status	Discontinued
Available until	2023-11-28T00:00:00+01:00
Alternative product	WDU 2.5 WS

SAK 2.5/35 WS

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Technical data

Approvals

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Dimensions and weights

Depth	40 mm	Depth (inches)	1.5748 inch
Height	44.5 mm	Height (inches)	1.752 inch
Width	6.1 mm	Width (inches)	0.2402 inch
Net weight	6.33 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	PA 66	Colour	white
Colour of operational elements	No	UL 94 flammability rating	V-2

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV18ATEX8207U	Certificate No. (IECEX)	IECEXTUR18.0017U
Max. voltage (ATEX)	690 V	Current (ATEX)	24 A
Wire cross section max. (ATEX)	6 mm ²	Max. voltage (IECEX)	690 V
Current (IECEX)	24 A	Wire cross section max. (IECEX)	6 mm ²

System specifications

Version	Screw connection, for screwable cross-connection, One end without connector	End cover plate required	Yes
Number of levels	1	Number of clamping points per level	2
Levels cross-connected internally	No	N-function	No
PE function	No	PEN function	No

Additional technical data

Snap-on	Yes	Type of fixing	TS 35
Explosion-tested version	Yes	Type of mounting	DIN rail

Conductors for clamping (rated connection)

Connection direction	on side	Number of connections	2
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Rating data

Rated cross-section	2.5 mm ²	Nominal current	24 A
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Power loss in accordance with IEC 60947-7-x	0.77 W
Surge voltage category	III	Pollution severity	3

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		