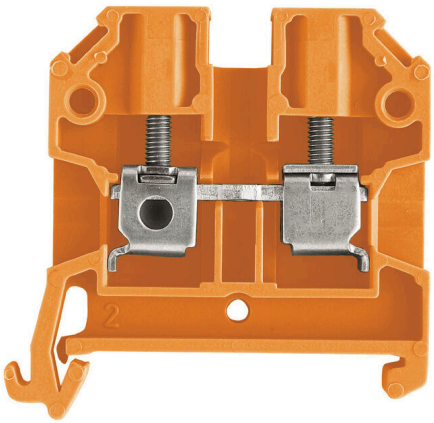
Data sheet

SAK 4/35 OR

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, orange, 4 mm², 32 A, Number of connections: 2
Order No.	2575280000
Type	SAK 4/35 OR
GTIN (EAN)	4050118594652
Qty.	100 items
Delivery status	Discontinued
Available until	2023-11-28T00:00:00+01:00
Alternative product	WDU 4 OR

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	44 mm	Depth (inches)	1.7323 inch
Height	45 mm	Height (inches)	1.7716 inch
Width	6.5 mm	Width (inches)	0.2559 inch
Net weight	8.6 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	orange
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)	550 V	Current (ATEX)	32 A
Wire cross section max. (ATEX)	6 mm²	Max. voltage (IECEX)	550 V
Current (IECEX)	32 A		

System specifications

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

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 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²

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Technical data

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.	0.5 mm²
Wire connection cross section, finely stranded, max.	4 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Connection cross-section, stranded, max.	4 mm²	Connection cross-section, stranded, min.	0.5 mm²
Wire connection cross-section, solid core, max.	6 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

Rating data

Rated cross-section	4 mm²	Nominal current	32 A
Volume resistance according to IEC 60947-7-x	1 mΩ	Power loss in accordance with IEC 60947-7-x	1.02 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		