

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	Feed-through terminal block, Screw connection, beige / yellow, 4 mm ² , 32 A, 690 V, Number of connections: 2
Order No.	9501160000
Type	RSF 3/35
GTIN (EAN)	4008190549534
Qty.	50 items
Alternative product	WDU 4 SL

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	60 mm	Depth (inches)	2.3622 inch
Height	50 mm	Height (inches)	1.9685 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	17.44 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, with spring-loaded cable clamp. 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 35	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 plus plastic collar DIN 46228/1, further connection, max.	4 mm ²	Connection type, additional connection	Screw connection
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Technical data

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 10	Connection direction	on side
Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 Nm
Stripping length	12 mm	Type of connection	Screw connection
Number of connections	2	Clamping range, max.	4 mm ²
Clamping range, min.	0.33 mm ²	Clamping screw	M 3
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.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.33 mm ²
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.	0.33 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.33 mm ²
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	0.33 mm ²
Torque level with DMS electric screwdriver	2	Wire connection cross-section, solid core, max.	4 mm ²
Wire connection cross-section, solid core, min.	0.33 mm ²	Connection cross-section, finely stranded, min.	0.33 mm ²

General

Wire connection cross section AWG, max.	AWG 10	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 26	Standards	IEC 60947-7-1
Mounting rail	TS 35		

Rating data

Rated cross-section	4 mm ²	Rated voltage	690 V
Rated DC voltage	690 V	Nominal current	32 A
Current at maximum wires	32 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	1.02 W	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		