

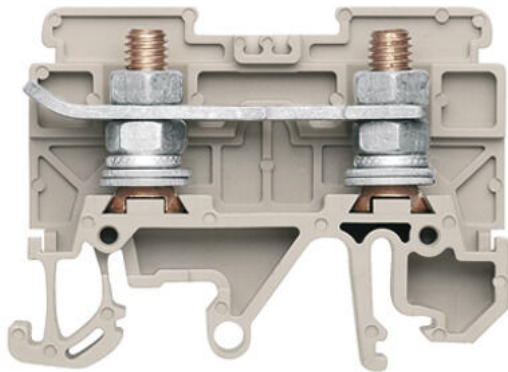
STL 5/EN**Weidmüller Interface GmbH & Co. KG**

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	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 16 mm ² , Screw connection
Order No.	0448460000
Type	STL 5/EN
GTIN (EAN)	4008 1905 19834
Qty.	20 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	47.5 mm	Depth (inches)	1.8701 inch
Height	54.5 mm	Height (inches)	2.1457 inch
Width	16.4 mm	Width (inches)	0.6457 inch
Net weight	24.51 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

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

Material data

Basic material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 32, TS 35		

Additional technical data

Open sides	Open	Number of similar terminals	1
Explosion-tested version	No	Type of mounting	Clamped

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 6	Connection direction	on side
Tightening torque, max.	3 Nm	Tightening torque, min.	2 Nm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	16 mm ²	Clamping range, min.	4 mm ²
Wire connection cross section AWG, min.	AWG 12	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	4 mm ²	Wire connection cross section, finely stranded, max.	16 mm ²
Wire connection cross section, finely stranded, min.	4 mm ²	Connection cross-section, stranded, max.	16 mm ²
Connection cross-section, stranded, min. 4 mm ²		Stud size for spade connection	M 5

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Technical data

Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	4 mm ²
Connection cross-section, finely stranded, min.	4 mm ²		

General

Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 12
Standards	IEC 60947-7-1	Mounting rail	TS 32, TS 35

Rating data

Rated cross-section	16 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	76 A
Current at maximum wires	76 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.42 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	2.43 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		