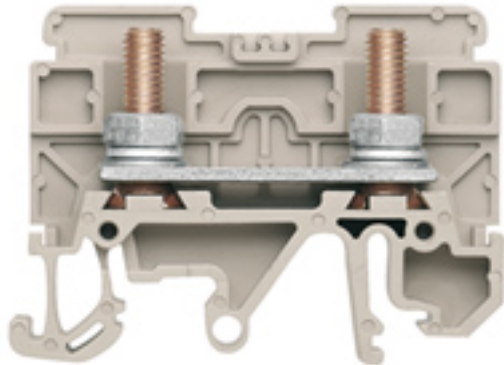


Bolt-type screw terminals ST 5/EN

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



The comprehensive range of bolt-type screw terminals offers secure connections for all power transmission applications.

Connections from 10 mm² to 300 mm² are possible. The conductors are attached to the terminals using crimped cable lugs and each connection secured by tightening the hexagonal nut.

Bolt-type screw terminals with threads from M5 to M16 can be used depending on the conductor cross-section. A low voltage drop and the use of a self-extinguishing material with a V-0 (UL 94) flammability rating guarantee maximum safety.

All bolt-type screw terminals have been tested according to international railway standards (EN 50343, EN 50155, NF F61-017, NF16-101; Ria 20) and comply with the requirements of those standards.

General ordering data

Type	ST 5/EN
Order No.	0448360000
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 16 mm ² , Screw connection
GTIN (EAN)	4032248124978
Qty.	20 pc(s).

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Technische Daten

Dimensions and weights

Length	54.5 mm	Width	16.4 mm
Height	47.5 mm	Height of lowest version	47.1 mm
Weight	19.9 g	Net weight	22.64 g

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Additional technical data

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

Clampable wires (rated connection)

Type of connection	Screw connection	Connection direction	on side
Tightening torque, min.	2 Nm	Tightening torque, max.	3 Nm

Rated data

Rated cross-section	16 mm ²	Rated voltage	800 V
Rated impulse withstand voltage	8 kV	Rated current	76 A
Pollution severity	3		

Stud connection

Tightening torque, min.	2 Nm	Tightening torque, max.	3 Nm
Stud size for spade connection	M 5		

UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	600 V
Current size C (UR)	65 A	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	12 AWG	Conductor size Field wiring max. (UR)	10 AWG

Material data

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

System specifications

Product family	Bolt-type screw terminals	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
No. of clamping points per level	1	Levels cross-connected internally	No
Mounting rail	TS 32, TS 35	End cover plate required	Yes

Classifications

ETIM 3.0	EC000897	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-20	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20		

Datenblatt

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ST 5/EN**

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Technische Daten

Approvals

Approvals



ROHS

Conform