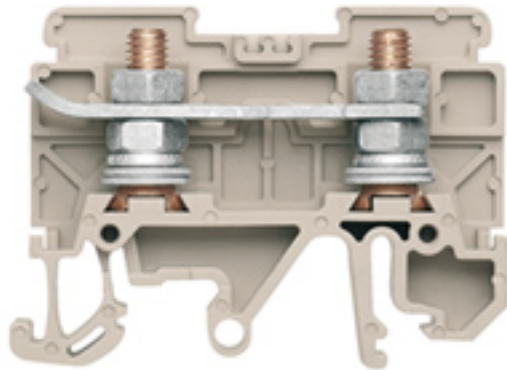


**SAK terminal with screw connection
STL 5/EN**

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

Order No.	0448460000
Type	STL 5/EN
Version	SAK terminal with screw connection, Stud terminal, Rated cross-section: 16 mm ² , Screw connection
GTIN (EAN)	4008190519834
Qty.	20 pc(s).

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Technical data

Dimensions

Length	54.5 mm	Width	16.4 mm
Height	47.5 mm	Height of lowest version	47.1 mm
Net weight	24.51 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
Version	Stud terminal		

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		

Material data

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

System specifications

Product family	SAK terminal with screw connection	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	30-21-18-01
eClass 6.0	27-14-11-20	eClass 7.0	27-14-11-20

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Approvals

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