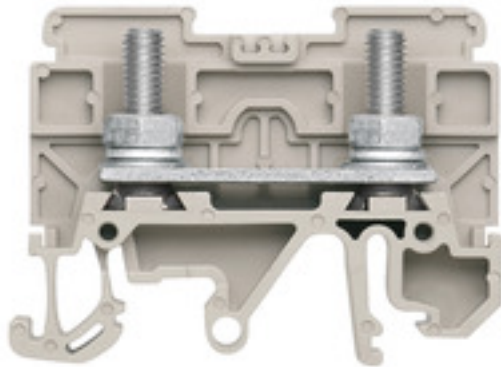


ST 5/EN**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Are you looking for an interface from electrical engineering to electronics? To be able to feed through to the electronic devices on the panel sometimes a solder connection or a standard pluggable solution is appropriate.

General ordering data

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

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Technical data

Dimensions and weights

Depth	47.5 mm	Depth (inches)	1.87 inch
Height	54.5 mm	Height (inches)	2.146 inch
Width	16.4 mm	Width (inches)	0.646 inch
Net weight	22.64 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

Material data

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
Rail	TS 32, TS 35		

Additional technical data

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

Conductors for clamping (rated connection)

Clamping range, max.	16 mm ²	Clamping range, min.	4 mm ²
Connection cross-section, stranded, max.	16 mm ²	Connection cross-section, stranded, min.	4 mm ²
Connection direction	on side	Number of connections	2
Stud size for spade connection	M 5	Tightening torque, max.	3 Nm
Tightening torque, min.	2 Nm	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 12
Wire connection cross section, finely stranded, max.	16 mm ²	Wire connection cross section, finely stranded, min.	4 mm ²
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	4 mm ²

General

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

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Rating data

Rated cross-section	16 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Rated 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

UL rating data

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

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-01	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

Environmental Product Compliance

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity UKCA declaration of conformity
Engineering Data	CAD data – STEP
User Documentation	Beipackzettel_ST5.pdf StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format