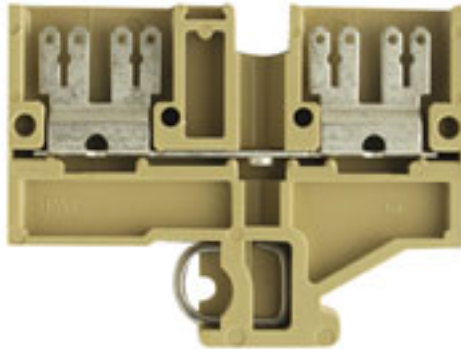


AST 1 6.3/2.8**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Version	SAK Series, Feed-through terminal, Rated cross-section: 2.5 mm ² , Flat-blade connection, Direct mounting
Order No.	0478260000
Type	AST 1 6.3/2.8
GTIN (EAN)	4008190003043
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	46 mm	Depth (inches)	1.811 inch
Height	58 mm	Height (inches)	2.283 inch
Net weight	10.84 g	Weight	11.96 g
Width	6.5 mm	Width (inches)	0.256 inch

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	100 °C		

Material data

Material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

System specifications

Version	With cable lug connection F2.8, With cable lug connection F6.3, for screwable cross-connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	4	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 32	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	12400-142	Current size C (CSA)	16 A
Voltage size C (CSA)	300 V		

Conductors for clamping (rated connection)

Clamping range, max.	2.5 mm ²	Clamping range, min.	0.5 mm ²
Connection direction	top	Number of connections	4
Type of connection	Flat-blade connection	Wire connection cross section, finely stranded, max.	2.5 mm ²

General

Installation advice	Direct mounting	Rail	TS 32
Standards	IEC 61210, In accordance with IEC 60947-7-1		

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Technical data

Other connections

Cable-lug connection	Slotted	Rated cross-section spade connector 2.8 mm	1 mm ²
Rated cross-section spade connector 6.3 mm	2.5 mm ²		

Rating data

Power loss in accordance with IEC 60947-7-x	0.77 W	Rated cross-section	2.5 mm ²
Rated voltage	500 V	Rated current	20 A
Current at maximum wires	20 A	Standards	IEC 61210, In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	6 kV
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Current size C (UR)	13 A
Voltage size C (UR)	300 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	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

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate DNVGL certificate MARITREG Certificate Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks