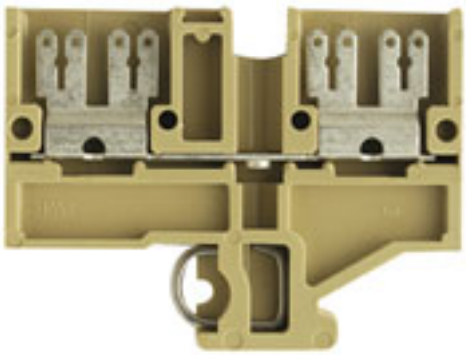
SAK Series
AST 1 6.3/2.8

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



In order to do justice to the different requirements placed on our products, it is necessary to use various insulating materials tailored to the particular application. None of the insulating materials used by Weidmüller contain any hazardous substances. Above all, we ensure that all our materials are free from cadmium. Furthermore, they contain no colour pigments based on heavy metals and do not lead to the formation of dioxin/furan.

General ordering data

Type	AST 1 6.3/2.8
Order No.	0478260000
Version	SAK Series, Feed-through terminal, Rated cross-section: 2.5 mm², Flat-blade connection, Direct mounting
GTIN (EAN)	4008190003043
Qty.	50 pc(s).

SAK Series
AST 1 6.3/2.8

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

Technische Daten

Dimensions and weights

Length	58 mm	Width	6.5 mm
Height	46 mm	Height of lowest version	46 mm
Weight	11.96 g	Net weight	10.94 g

Temperatures

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

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on	Version	With cable lug connection F2.8, With cable lug connection F6.3, for screwable cross-connection, One end without connector

CSA ratings data

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

Clampable wires (rated connection)

Type of connection	Flat-blade connection	Connection direction	top
Number of connections	4	Clamping range, rated connection, min.	0.5 mm²
Clamping range, rated connection, max.	2.5 mm²	Wire connection cross section, finely stranded, max.	2.5 mm²
Wire connection cross-section, finely stranded, min.	0.5 mm²		

Other connections

Cable-lug connection	Slotted	Rated cross-section spade connector 2.8 mm	1 mm²
Rated cross-section spade connector 6.3 mm	2.5 mm²		

Rated data

Rated cross-section	2.5 mm²	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	20 A
Current at maximum wires	20 A	Standards	IEC 60947-7-1, IEC 61210
Pollution severity	3		

UL ratings data

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

SAK Series
AST 1 6.3/2.8

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

Technische Daten

Material data

Material	PA 66	Colour	Beige
UL 94 flammability rating	V-2		

System specifications

Product family	SAK Series	Type of connection	Flat-blade connection
Connection direction	top	Number of levels	1
Number of connections	4	No. of clamping points per level	4
Levels cross-connected internally	No	Mounting rail	TS 32
End cover plate required	Yes		

Classifications

ETIM 3.0	EC000897	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-31	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20		

Product information

Descriptive text technical data	Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

Approvals

Approvals	
ROHS	Conform