Data sheet

SAI-4/6/8 MH MH BLF3.5

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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Cable gland: M25 for cables with an outer insulation diameter from 13 mm to 18 mm. The SAI distributor with M25 cable gland is suitable among others for the following cable types:
- 21 x 0.50 mm
- 18 x 0.75 mm bis 21 x 0.75 mm
- 14 x 100 mm bis 20 x 100 mm
- 8 x 1.50 mm bis 16 x 1.50 mm

General ordering data

Version	Hood version with M20 outlet, 30 V, , LED: No, LED initiator: No, Wiring type: None
Order No.	1782750000
Type	SAI-4/6/8 MH MH BLF3.5
GTIN (EAN)	4032248179503
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Height	55 mm	Height (inches)	2.1654 inch
Width	60 mm	Width (inches)	2.3622 inch
Net weight	312.4 g		

Temperatures

Operating temperature	-20 - 90°C

Environmental Product Compliance

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

Connection data

Wire connection method	PUSH IN	Conductor O.D., min.	10 mm
Conductor O.D., max.	14 mm	Cable gland	M 20
Conductor cross-section (rated connection), min.	0.14 mm²	Conductor cross-section (rated connection), max.	1.5 mm²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 16
Solid, min. H05(07) V-U	0.14 mm²	Solid, max. H05(07) V-U	1.5 mm²
Flexible, min. H05(07) V-K	0.14 mm²	Flexible, max. H05(07) V-K	1.5 mm²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.28 mm²	w. plastic collar ferrule, DIN 46228 pt 4, max.	1 mm²
w. wire end ferrule, DIN 46228 pt 1, min.	0.25 mm²	w. wire end ferrule, DIN 46228 pt 1, max.	1 mm²
Storage space	gross	Distributor outlet	Hood version with M20 outlet

Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Test voltage	1 kV	Max. current-carrying capacity per slot	4 A
Total current	10 A	Current per signal	2 A
Electrical isolation available	No		

General technical data

Protection degree	IP68	Pollution severity	3
Fire behaviour	V-0	Plugging cycles	≤ 50
LED	No	LED initiator	No

Material data

Housing main material	Zinc diecast (hood)	Material of distributor	metal
Housing colour	silver	Hood sealing material	Polyurethane foamed
Screw socket	Nickel-plated CuZn	Contact material	CuZn
Contact surface	Gold-plated	Contact carrier material	PBT (UL 94 V0)

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Technical data

Technical data cable

Conductor O.D., max.	14 mm	Conductor O.D., min.	10 mm
Suitable for cable carriers	No		

Classifications

ETIM 8.0	EC003558	ETIM 9.0	EC003558
ETIM 10.0	EC003558	ECLASS 14.0	27-44-01-11
ECLASS 15.0	27-44-01-11		

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Drawings

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