Data sheet

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

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

www.weidmueller.com

Similar to illustration



M12 distributors are available in various versions. The 4, 6 or 8 M12 slots are in 4 or 5 pole design. The group outlet is designed as a fixed cable version, hood version for connection by the user, or with M23. Special versions are also available. For instance, there are 1-to-1 distributors for use with any connection types, or distributors approved for Ex Zone 1.

General ordering data

Version	Hood, 30 V, , LED: No, LED initiator: No, Wiring type: None
Order No.	1752080050
Type	SAI-4/6/8-MH BLF3.5 SV
GTIN (EAN)	4032248592364
Qty.	50 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Depth	57 mm	Depth (inches)	2.2441 inch
Height	32.5 mm	Height (inches)	1.2795 inch
Width	59.2 mm	Width (inches)	2.3307 inch
Net weight	69.36 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.	6 mm
Conductor O.D., max.	12 mm	Stripping length (sheathing)	100 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	Distributor outlet	Hood

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	Pocan	Material of distributor	Plastic
Housing colour	grey, RAL 7032	Hood sealing material	Viton
Screw socket	Nickel-plated CuZn	Contact material	CuZn
Contact surface	tinned	Contact carrier material	PBT (UL 94 V0)

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Technical data

Technical data cable

Conductor O.D., max.	12 mm	Conductor O.D., min.	6 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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