

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

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

www.weidmueller.com

Product image

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.	1752080000
Type	SAI-4/6/8-MH BLF3.5
GTIN (EAN)	4032248148226
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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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	78.32 g		

Temperatures

Operating temperature	-20 - 90°C
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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	Sheathing stripping length	100 mm
Cable gland	M 20	Clamping range, min.	0.14 mm ²
Clamping range, max.	1.5 mm ²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 16	Solid, min. H05(07) V-U	0.14 mm ²
Solid, max. H05(07) V-U	1.5 mm ²	Flexible, min. H05(07) V-K	0.14 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	w. plastic collar ferrule, DIN 46228 pt 4, 0.28 mm ² min.	
w. plastic collar ferrule, DIN 46228 pt 4, 1 mm ² max.		w. wire end ferrule, DIN 46228 pt 1, min.	0.25 mm ²
w. wire end ferrule, DIN 46228 pt 1, max.	1 mm ²	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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Similar to illustration

