

SAI 4/6/8 MH-MHD BLF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

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 M25 outlet, 30 V, , LED: No, LED initiator: No, Wiring type: None
Order No.	1752083000
Type	SAI 4/6/8 MH-MHD BLF
GTIN (EAN)	4032248269198
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	56.9 mm	Depth (inches)	2.24 inch
Height	44.5 mm	Height (inches)	1.752 inch
Width	59.2 mm	Width (inches)	2.331 inch
Net weight	100 g		

Temperatures

Operating temperature	- 90°C
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Connection data

Wire connection method	PUSH IN	Conductor O.D., min.	14 mm
Conductor O.D., max.	18 mm	Cable glands	M 25
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, min.	0.28 mm ²	w. plastic collar ferrule, DIN 46228 pt 4, max.	1 mm ²
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 version with M25 outlet		

Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Max. current-carrying capacity per slot	4 A	Total current	10 A
Electrical isolation available	No		

General technical data

Protection degree	IP68	Pollution severity	3
LED	No	LED initiator	No

Material data

Housing main material	Zinc diecast (hood)	Housing colour	silver
Contact material	CuZn	Contact surface	Gold-plated
Contact carrier material	PBT (UL 94 V0)		

Technical data cable

Conductor O.D., max.	18 mm	Conductor O.D., min.	14 mm
Suitable for cable carriers	No		

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Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ETIM 8.0	EC003558	ETIM 9.0	EC003558
ETIM 10.0	EC003558	ECLASS 9.0	27-44-01-08
ECLASS 9.1	27-44-01-08	ECLASS 10.0	27-44-01-11
ECLASS 11.0	27-44-01-11	ECLASS 12.0	27-44-01-11
ECLASS 13.0	27-44-01-11	ECLASS 14.0	27-44-01-11
ECLASS 15.0	27-44-01-11		

Approvals

ROHS Conform

Environmental Product Compliance

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

Downloads

Engineering Data	CAD data – STEP CAD data – DWG CAD data – DXF
Product Change Notification	Technische Änderung für passiven M12 Verteiler mit Zugfederanschluss Technical change to passive M12 distribution boxes with tension clamp connection
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

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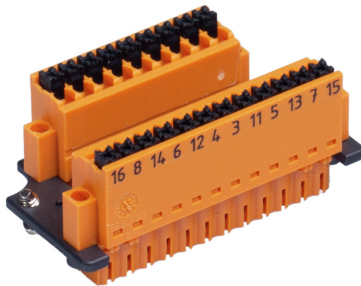
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Drawings

Similar to illustration



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www.weidmueller.com**Accessories****Blank**

ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	ESG 8/20 K MC NE WS	Version
Order No.	2558360000	ESG, Device markers x 20 mm, PA 66, Colour: white, pluggable
GTIN (EAN)	4050118569070	
Qty.	200 pc(s).	

M12

Protective caps protect unassigned plug-in stations against external influences.

General ordering data

Type	SAI-SK-M12	Version
Order No.	9456050000	Protected component assemblies, Protective cap
GTIN (EAN)	4008190304058	
Qty.	30 pc(s).	

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www.weidmueller.com**Accessories****Screwty® cable gland tool with torque function****The ideal tool for any application**

Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

Type	SCREWTY SET -DM	Version		Packaging	
Order No.	1920000000	Cable gland tool for M8, M12 lines and connectors		Cardboard	
GTIN (EAN)	4032248436859			box	
Qty.	1 pc(s).				