Data sheet

SAI-4-M-MVV-M12 1:1

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

www.weidmueller.com



Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

General ordering data

Version	Hood version, M12, 400 V, S-coded, LED: Yes, LED initiator: , Wiring type:
Order No.	2009620000
Type	SAI-4-M-MVV-M12 1:1
GTIN (EAN)	4050118396041
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Net weight	100 g

Temperatures

Operating temperature	-20 - 80°C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	4060c755-8d0b-4d43-bdb3-4ffabe9d7497

Connection data

Conductor O.D., min.	10 mm	Conductor O.D., max.	14 mm
Stripping length (sheathing)	40 mm	Cable gland	M 20
Conductor cross-section (rated connection), min.	0.2 mm²	Conductor cross-section (rated connection), max.	1.5 mm²
Storage space	Standard	Distributor outlet	Hood version
Connection type PE	Screw connection		

Electrical data

Rated voltage, max.	400 V	Max. current-carrying capacity per slot	36 A
Total current	144 A	Current per signal	12 A
Electrical isolation available	No		

General technical data

Protection degree	IP68	Plug-in station coding	S-coded
Number of contact sockets	4	Connection thread	M12
Pollution severity	3	Fire behaviour	V-0
Plugging cycles	≥ 50	LED	Yes
LED colour for indicating operation	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	Gold-plated	Contact carrier material	PBT (UL 94 V0)

Technical data cable

Conductor O.D., max.	14 mm	Conductor O.D., min.	10 mm

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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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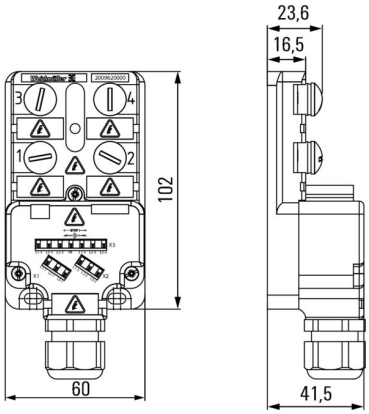
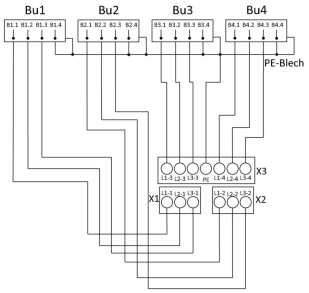
Drawings

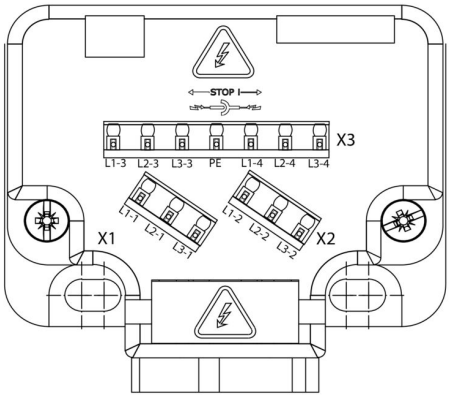
Dimensioned drawing



Wiring diagram



Dimensioned drawing



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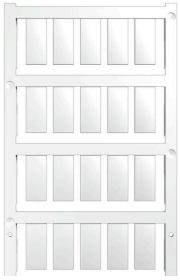
Accessories

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 9/20 MC NE WS	Version
Order No.	1609940000	ESG, Device markers x 20 mm, PA 66, Colour: white, pluggable
GTIN (EAN)	4008190203528	
Qty.	200 ST	