

SAI-6-M-MVV-M12 S-COD**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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 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

Type	SAI-6-M-MVV-M12 S-COD
Order No.	2085620000
Version	Power distributor, M12, Hood version, Yes
GTIN (EAN)	4050118419771
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	100 g
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Temperatures

Operating temperature, max.	80 °C	Operating temperature, min.	-20 °C
Operating temperature	-20 - 80°C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Connection data

Conductor O.D., min.	6 mm	Conductor O.D., max.	12 mm
Sheathing stripping length	40 mm	Cable glands	M 20
Clamping range, min.	0.2 mm ²	Clamping range, max.	6 mm ²
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	27.6 A
Total current	27.6 A	Current per signal	10 A
Electrical isolation available	No		

General technical data

Protection degree	IP68	No. of poles	4
Number of contact sockets	6	Connection thread	M12
Pollution severity	3	Fire behaviour	V-0
Plugging cycles	≥ 50	LED	Yes
LED colour for indicating operation	yellow		

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

No. of poles	4	Conductor O.D., min.	6 mm
Conductor O.D., max.	12 mm		

Classifications

ETIM 6.0	EC002585	eClass 6.2	27-06-91-90
eClass 9.0	27-44-01-08	eClass 9.1	27-44-01-08

Data sheet

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Brochure/Catalogue

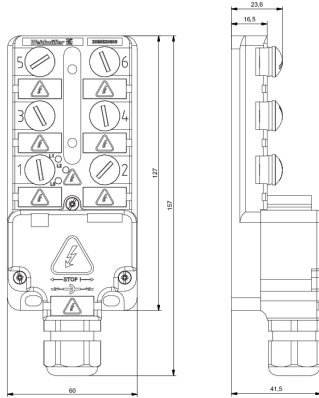
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Drawings

Dimensioned drawing



Wiring diagram

