

SAI-4-SVV-GM-RM-M12**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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www.weidmueller.com



SAI 4-way power distributor with two polarities and galvanically isolated checkback signal via an 8-pole M12. Operating voltage 24 V DC. Total current 32 A. M12 connector, T-coded.

General ordering data

Type	SAI-4-SVV-GM-RM-M12
Order No.	2495280000
Version	Power distributor, M12, Hood version, Yes
GTIN (EAN)	4050118504927
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
Cable glands	M 20	Clamping range, min.	0.5 mm ²
Clamping range, max.	4 mm ²	Distributor outlet	Hood version

Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	48 V
Max. current-carrying capacity per slot	10 A	Total current	32 A
Current per signal	10 A	Insulation strength	10 ⁸ Ω
Potential response	Yes		

General technical data

Protection degree	IP68	Number of poles	4
Number of contact sockets	4	Connection thread	M12
Pollution severity	3	Fire behaviour	V-0
Plugging cycles	≤ 50	LED	Yes
LED initiator	Yes	LED colour for indicating operation	yellow
LED colour for I/O function	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

Suitable for cable carriers	No	Number of poles	4
Conductor O.D., min.	6 mm	Conductor O.D., max.	12 mm

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC002585
eClass 9.0	27-44-01-08	eClass 9.1	27-44-01-08
eClass 10.0	27-44-01-08		

Approvals

ROHS	Conform
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Technical data

Downloads

Brochure/Catalogue

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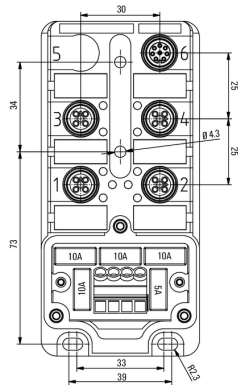
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Drawings

Dimensioned drawing



Wiring diagram

