

SAI-4-M-4P-M12-SVV-A03**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	Power distributor, M12, Hood version, Yes
Order No.	2495280000
Type	SAI-4-M-4P-M12-SVV-A03
GTIN (EAN)	4050118504927
Qty.	1 pc(s).

Creation date March 17, 2023 8:51:02 AM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight	100 g
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Temperatures

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

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 ³ Ω
Potential response	Yes		

General technical data

Plug-in station coding	T	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

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

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ETIM 8.0	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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Data sheet**SAI-4-M-4P-M12-SVV-A03****Weidmüller Interface GmbH & Co. KG**
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Technical data**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E141197

Downloads

Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

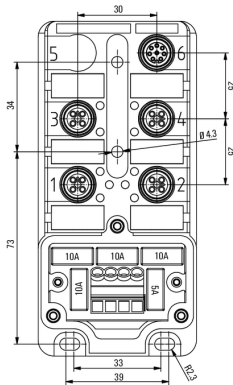
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Drawings

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Dimensioned drawing



Wiring diagram

