

**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	Hood version, M12, 48 V, T-coded, LED: Yes, LED initiator: Yes, Wiring type:
Order No.	<a href="#">2495280000</a>
Type	SAI-4-M-4P-M12-SVV-A03
GTIN (EAN)	4050118504927
Qty.	1 items

## SAI-4-M-4P-M12-SVV-A03

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

www.weidmueller.com

## Technical data

## Approvals

Approvals



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

## Dimensions and weights

Net weight 100 g

## Temperatures

Operating temperature -20 - 80°C

## Environmental Product Compliance

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

## Connection data

Conductor O.D., min.	6 mm	Conductor O.D., max.	12 mm
Cable gland	M 20	Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>	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 resistance	108 Ω
Potential response	Yes		

## General technical data

Protection degree	IP68	Plug-in station coding	T-coded
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

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

## SAI-4-M-4P-M12-SVV-A03

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

## Technical data

[www.weidmueller.com](http://www.weidmueller.com)

### 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		

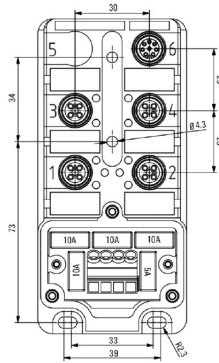
**SAI-4-M-4P-M12-SVV-A03**

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

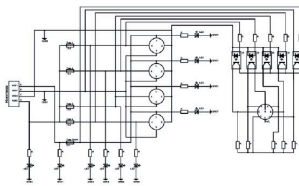
Drawings

[www.weidmueller.com](http://www.weidmueller.com)

**Dimensioned drawing**



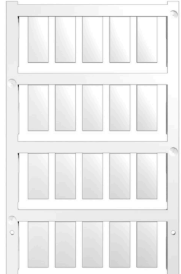
**Wiring diagram**



**SAI-4-M-4P-M12-SVV-A03**

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

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