

SAI-AU M12 SB 8DO 2A

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

www.weidmueller.com

Product image



The trend from IP 20 to IP 67, or rather from machines with cabinets to ones without, reaches its zenith in the IP 67 I/O slaves. In these Plug & Play solutions, the connection of individual conductors is avoided completely. This results in a substantial time-saving and eliminates mistakes in the connection of individual conductors. Today, IP 67 bus modules represent the most modern solution for the connection of sensors and actuators with the best cost-saving potential.

General ordering data

Version	SAI Active, Subbus
Order No.	1938680000
Type	SAI-AU M12 SB 8DO 2A
GTIN (EAN)	4032248612666
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E141197

Dimensions and weights

Net weight 298 g

Temperatures

Storage temperature

Operating temperature

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c, 7a, 7cl

REACH SVHC Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3

SCIP 30ca4bfe-b33c-43ed-b218-3746bc09f6a6

Connections

Supply voltage (AUX-IN) 1x M12 plug 5-pole, A-coded

Connection to Subbus (SUB-IN) 1 x M8 plug 4-pole, A-coded

Connection to Subbus (SUB-OUT) 1 x M8 female 4-pole, A-coded

I/O connections 4 x M12 female, 5-pole A-coded

Digital inputs

Diagnosis indication red

Input filter 1 ms, 3 ms, 5 ms, 10 ms, configurable

Input current, high 2 mA to 15 mA in accordance with EN 61131-2 Type 1

Input current, low < 15 mA in accordance with EN 61131-2 Type 1

Input voltage, high >15 V in accordance with EN 61131-2 Type 1

Separation of potentials to module electronics none

Input voltage, low <5 V in accordance with EN 61131-2 Type 1

Digital outputs

max. current-carrying capacity per output signal 2 A

Diagnosis indication red

Separation of potentials to module electronics none

Short-circuit proof Yes, cut-off for short circuit and error message

Max. total current outputs 4 A

Switching frequency, resistive load max. 100 Hz

Switching frequency, inductive load max. 1 Hz

Output voltage, low 0 V DC

Output voltage, high Supply voltage less 0.7 V DC

General data

Certificate CE, cULus Earth < 200 g

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Technical data**Supply voltage**

Reverse polarity protection	Yes	Operating voltage	24
Max. total current module	8 A	Contact load	Per PIN max. 4 A
Limits	18 V DC ... 30 V DC		

Classifications

ETIM 8.0	EC001599	ETIM 9.0	EC001599
ETIM 10.0	EC001599	ECLASS 14.0	27-24-26-04
ECLASS 15.0	27-24-26-04		

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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 8/13.5/43.3 SAI AU	Version	
Order No.	1912130000	ESG, Device markers x 13.5 mm, PA 66, Colour: Transparent,	
GTIN (EAN)	4032248541164	pluggable	
Qty.	5 ST		

M12



Protective caps protect unassigned plug-in stations against external influences.

General ordering data

Type	SAI-SK-M12-UNI 2029	Version	
Order No.	2330260000	Protected component assemblies, Protective cap	
GTIN (EAN)	4032248592067		
Qty.	20 ST		

M8



Protective caps protect unassigned plug-in stations against external influences.

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Accessories

General ordering data

Type	SAI-SK M8	Version	
Order No.	1802760000	Protected component assemblies, Protective cap	
GTIN (EAN)	4032248257379		
Qty.	50 ST		