

**SAI-AU M12 SB 8DIO****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

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, Complete modul
Order No.	<a href="#">1938640000</a>
Type	SAI-AU M12 SB 8DIO
GTIN (EAN)	4032248612642
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Height	32 mm	Height (inches)	1.26 inch
Width	30 mm	Width (inches)	1.181 inch
Length	180 mm	Length (inches)	7.087 inch
Net weight	296 g		

## Temperatures

Storage temperature	-25 °C...85 °C	Operating temperature	0 °C...60
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## Connections

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

## Digital inputs

Diagnosis indication	red	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 filter	1 ms, 3 ms, 5 ms, 10 ms, configurable
Input voltage, high	>15 V in accordance with EN 61131-2 Type 1	Input voltage, low	<5 V in accordance with EN 61131-2 Type 1
Permitted input voltage	-30 V to +30 V (protected against polarity reversal)	Separation of potentials to module electronics	none

## Digital outputs

Diagnosis indication	red	Max. total current outputs	4 A
Output voltage, high	Supply voltage less 0.7 V DC	Output voltage, low	0 V DC
Separation of potentials to module electronics	none	Short-circuit proof	Yes, cut-off for short circuit and error message
Switching frequency, inductive load	max. 1 Hz	Switching frequency, lamp load	max. 8 Hz
Switching frequency, resistive load	max. 100 Hz	max. current-carrying capacity per output signal	0.5 A

## General data

Certificate	CE, cULus	Earth	< 200 g
Housing main material	Pocan, PBT	Protection degree	IP67
UL 94 flammability rating	5VA		

## Supply voltage

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

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ETIM 6.0	EC001601	ETIM 7.0	EC001601
ETIM 8.0	EC001601	ETIM 9.0	EC001601
ECLASS 9.0	27-24-26-05	ECLASS 9.1	27-24-26-90
ECLASS 10.0	27-24-26-05	ECLASS 11.0	27-24-26-05
ECLASS 12.0	27-24-26-05	ECLASS 13.0	27-24-26-05

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	30ca4bfe-b33c-43ed-b218-3746bc09f6a6

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity DE PN45</a> <a href="#">CE Declaration of Conformity - DE</a> <a href="#">UKCA Declaration of Conformity - EN</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">MAN UR67 SAI-Aktive Universal Pro DE</a> <a href="#">MAN UR67 SAI-Aktive Universal Pro EN</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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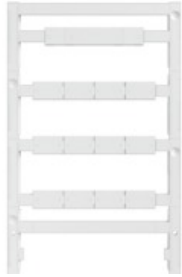
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## Accessories

## 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.	<a href="#">1912130000</a>	ESG, Device markers x 13.5 mm, PA 66, Colour: Transparent
GTIN (EAN)	4032248541164	
Qty.	5 pc(s).	

## M12



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

## General ordering data

Type	SAI-SK-M12-UNI 2029	Version
Order No.	<a href="#">2330260000</a>	Protected component assemblies, Protective cap
GTIN (EAN)	4032248592067	
Qty.	20 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****M8**

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

**General ordering data**

Type	SAI-SK M8	Version
Order No.	<a href="#">1802760000</a>	Protected component assemblies, Protective cap
GTIN (EAN)	4032248257379	
Qty.	50 pc(s).	