

**SAI-AU M8 SB 8DIO****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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="#">1938630000</a>
Type	SAI-AU M8 SB 8DIO
GTIN (EAN)	40322486 12635
Qty.	1 pc(s).

Creation date March 26, 2021 10:32:41 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Height	32 mm	Height (inches)	1.26 inch
Length	180 mm	Length (inches)	7.087 inch
Net weight	297 g	Width	30 mm
Width (inches)	1.181 inch		

## Temperatures

Storage temperature	-25 °C...85 °C	Operating temperature	0 °C...60 °C
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3
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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	8 x M8 socket 3-pole	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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**Classifications**

ETIM 6.0	EC001601	ETIM 7.0	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

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E141197

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Declaration_of_Conformity_DE_PN45</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>