

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, Complete modul
Order No.	1938680000
Type	SAI-AU M12 SB 8DO 2A
GTIN (EAN)	4032248612666
Qty.	1 ST

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Technical data

Approvals

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ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E141197

Dimensions and weights

Height	32 mm	Height (inches)	1.2598 inch
Width	30 mm	Width (inches)	1.1811 inch
Length	180 mm	Length (inches)	7.0866 inch
Net weight	298 g		

Temperatures

Storage temperature	-25 °C...85 °C	Operating temperature	0 °C...60 °C
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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	Permitted input voltage	-30 V to +30 V (protected against polarity reversal)
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
Switching frequency, lamp load	max. 8 Hz	Output voltage, high	Supply voltage less 0.7 V DC

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

Supply voltage

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

Classifications

ETIM 6.0	EC001599	ETIM 7.0	EC001599
ETIM 8.0	EC001599	ETIM 9.0	EC001599
ETIM 10.0	EC001599	ECLASS 9.0	27-24-26-04
ECLASS 9.1	27-24-26-04	ECLASS 10.0	27-24-26-04
ECLASS 11.0	27-24-26-04	ECLASS 12.0	27-24-26-04
ECLASS 13.0	27-24-26-04	ECLASS 14.0	27-24-26-04
ECLASS 15.0	27-24-26-04		