

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

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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

Type	SAI-AU M12 SB 8DIO
Order No.	1938640000
Version	SAI Active, Subbus, Complete modul
GTIN (EAN)	4032248612642
Qty.	1 pc(s).

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Technical data
Dimensions and weights

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

Temperatures

Operating temperature, max.	60 °C	Operating temperature, min.	0 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-25 °C
Operating temperature	0 °C...60 °C	Storage temperature	-25 °C...85 °C

Environmental Product Compliance

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

Module type	Complete modul
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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	L x W x H	180 / 30 / 32
Protection degree	IP67	UL 94 flammability rating	5VA

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Technical data
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		

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	UNSPSC	43-17-27-10

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity_DE_PN45
Brochure/Catalogue	CAT 8 SAI 15/16 EN
Engineering Data	EPLAN_WSCAD