

**SAI Active
SAI-AU M8 SB 8DIO**

Weidmüller Interface GmbH & Co. KG
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Digital M8 extension modules for the Universal-Pro system

General ordering data

Type	SAI-AU M8 SB 8DIO
Order No.	1938630000
Version	SAI Active, Subbus, Complete modul
GTIN (EAN)	4032248612635
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	180 mm	Width	30 mm
Height	32 mm	Net weight	298 g

Configuration

System integration	automatic
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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

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 [digital inputs]	none		

Digital outputs

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 [digital outputs]	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	IP 67	UL 94 flammability rating	5VA

Fieldbus

Addressing	automatic	Bus system	Subbus
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Functional inputs

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

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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 3.0	EC001597	UNSPSC	43-17-27-10
eClass 5.1	27-25-04-03	eClass 6.2	27-24-26-04
eClass 7.1	27-24-26-04		

Approvals

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