

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

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 1429-0  
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Digital M8 extension modules for the Universal-Pro system

**General ordering data**

Type	SAI-AU M8 SB 8DIO
Order No.	<a href="#">1938630000</a>
Version	SAI Active, Subbus, Complete modul
GTIN (EAN)	4032248612635
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Length	180 mm	Length (inches)	7.087 inch
Width	30 mm	Width (inches)	1.181 inch
Height	32 mm	Height (inches)	1.26 inch
Net weight	298 g		

**Temperatures**

Operating temperature	0 °C...60 °C	Storage temperature	-25 °C...85 °C
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**System data**

Module type	Complete modul
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**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

**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	ETIM 4.0	EC001599
ETIM 5.0	EC001599	ETIM 6.0	EC001601
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
eClass 8.1	27-24-26-04	eClass 9.0	27-24-26-04
eClass 9.1	27-24-26-90		

**Data sheet****SAI Active  
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**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**Approval/Certificate/Document of  
Conformity[Declaration of Conformity\\_DE\\_PN45](#)

Brochure/Catalogue

[CAT U\\_REMOTE 16/17 EN](#)  
[CAT 8 SAI 15/16 EN](#)

Engineering Data

[EPLAN, WSCAD](#)