



### Commercial status

Discontinued on: 31 December 2018

To be end-of-service on: 31 December 2026

ⓘ Restricted Sales for Services

### Main

Range of product	Modicon Premium Automation platform
Product or component type	Analog output module
Analogue output number	8
Analogue output type	Current: 0...20 mA Current: 4...20 mA Voltage: +/- 10 V
Analog/Digital conversion	13 bits + sign +/- 10 V 13 bits 0...20 mA 13 bits 4...20 mA

### Complementary

Conversion time	5 ms
Measurement resolution	1.28 mV +/- 10 V 2.56 $\mu$ A 0...20 mA 2.56 $\mu$ A 4...20 mA
Electrical connection	1 SUB-D 25 connector
Measurement error	0.14 % of full scale +/- 10 V 25 °C 0.21 % of full scale 0...20 mA 25 °C 0.21 % of full scale 4...20 mA 25 °C 0.28 % of full scale +/- 10 V 0...60 °C 0.52 % of full scale 0...20 mA 0...60 °C 0.52 % of full scale 4...20 mA 0...60 °C
Isolation between channels	Common point
Isolation between channels and bus	1000 Vrms
Isolation between channels and ground	1000 Vrms
Protection type	Short-circuit protection Overload protection
Output voltage limits	$\leq$ 30 V
Load impedance ohmic	$<$ 600 Ohm 0...20 mA $<$ 600 Ohm 4...20 mA $>$ 1000 Ohm +/- 10 V
Maximum load inductance	300 $\mu$ H
Maximum load capacitance	0.1 $\mu$ F
Marking	CE

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Current consumption	200 mA at 5 V DC 300 mA at 24 V DC
Module format	Standard
Terminals description PLC n°1	(16)OUT_ANA_CUR#1 (13)IN_ANA_STD# (24)OUT_ANA_VOLT#7 (8)OUT_ANA_CUR#4 (20)OUT_ANA_COM#4 (1)OUT_ANA_VOLT#0 (17)OUT_ANA_COM#2 (4)OUT_ANA_VOLT#2 (9)OUT_ANA_COM#5 (11)OUT_ANA_CUR#6 (19)OUT_ANA_CUR#3 PW_NEG# (25)OUT_ANA_CUR#7 (3)OUT_ANA_COM#1 (12)OUT_ANA_COM#7 (5)OUT_ANA_CUR#2 (6)OUT_ANA_COM#3 (15)OUT_ANA_VOLT#1 (18)OUT_ANA_VOLT#3 (22)OUT_ANA_CUR#5 (10)OUT_ANA_VOLT#6 PW_POS# (14)OUT_ANA_COM#0 (23)OUT_ANA_COM#6 (2)OUT_ANA_CUR#0 (7)OUT_ANA_VOLT#4 (21)OUT_ANA_VOLT#5

## Environment

Standards	93/68/EEC CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 142 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group B 89/336/EEC CSA C22.2 No 213 Class I Division 2 Group D UL 508 IEC 61131-2 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group C
Product certifications	BV RINA DNV LR ABS RMRS GL
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating altitude	0...2000 m
Protective treatment	TC
IP degree of protection	IP20
Pollution degree	2

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	465 g
Package 1 Height	5.5 cm
Package 1 width	18 cm

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Package 1 Length	26 cm
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### Contractual warranty

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Warranty	18 months
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### TSXASY800 is replaced by:

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#### Standard environment BMXAMO0802

analog output module X80 - 8 outputs

Qty 1

Reason for Substitution: End of life | Substitution date: 30 September 2019 | This is not interchangeable but an equivalent functional product in the Modicon M580/X80 range. Please contact technical support about your migration options.

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