



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
Analogue/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 µA 0...20 mA 2.56 µA 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	Overload protection Short-circuit protection
Output voltage limits	<= 30 V
Load impedance ohmic	< 600 Ohm 0...20 mA < 600 Ohm 4...20 mA > 1000 Ohm +/- 10 V
Load inductance	< 300 µH
Load capacitance	< 0.1 µF
Marking	CE
Current consumption	200 mA 5 V DC

300 mA 24 V DC

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

Environment

Standards	73/23/EEC 89/336/EEC 92/31/EEC 93/68/EEC CSA C22.2 No 142 IEC 61131-2 UL 508 CSA C22.2 No 213 Class I Division 2 Group A CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group C CSA C22.2 No 213 Class I Division 2 Group D
Product certifications	ABS BV DNV GL LR RINA RMRS
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

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0835 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
-----------------	-----------

TSXASY800 is replaced by:



Standard environment BMXAMO0802

analog output module X80 - 8 outputs

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2018 | Not same dimensions/design - no voltage range