



Commercial status

Discontinued on: 31 December 2017

To be end-of-service on: 31 December 2025

ⓘ Restricted Sales for Services

Main

Range of product	Modicon Premium Automation platform
Product or component type	Analog output module
Analogue output number	4
Analogue output type	Current: 0...20 mA Current: 4...20 mA Voltage: +/- 10 V
Analog/Digital conversion	11 bits + sign

Complementary

Conversion time	2.5 ms
Measurement resolution	10.25 μ A 0...20 mA 10.25 μ A 4...20 mA 5.12 mV +/- 10 V
Electrical connection	Screw terminal block
Measurement error	0.45 % of full scale +/- 10 V 25 °C 0.52 % of full scale 0...20 mA 25 °C 0.52 % of full scale 4...20 mA 25 °C 0.75 % of full scale +/- 10 V 0...60 °C 0.98 % of full scale 0...20 mA 0...60 °C 0.98 % of full scale 4...20 mA 0...60 °C
Isolation between channels	1500 Vrms
Isolation between channels and bus	1500 Vrms
Isolation between channels and ground	500 V
Protection type	Overload protection Short-circuit 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	0.3 mH
Maximum load capacitance	0.1 μ F
Marking	CE
Current consumption	900 mA at 5 V DC
Module format	Standard

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

Terminals description PLC n°1	(2)OUT_ANA_COM#0 (4)OUT_ANA_SHIELD# (17)OUT_ANA_COM#3 (6)OUT_ANA_VOLT#1 (20)OUT_ANA_SHIELD# (14)OUT_ANA_SHIELD# (15)OUT_ANA_SHIELD# (5)OUT_ANA_SHIELD# (18)OUT_ANA_CUR#3 (11)OUT_ANA_VOLT#2 (13)OUT_ANA_CUR#2 (1)OUT_ANA_VOLT#0 (9)OUT_ANA_SHIELD# (19)OUT_ANA_SHIELD# (8)OUT_ANA_CUR#1 (16)OUT_ANA_VOLT#3 (10)OUT_ANA_SHIELD# (7)OUT_ANA_COM#1 (3)OUT_ANA_CUR#0 (12)OUT_ANA_COM#2
Net weight	0.35 kg

Environment

Standards	IEC 61131-2 CSA C22.2 No 213 Class I Division 2 Group C 73/23/EEC 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group B 89/336/EEC 93/68/EEC CSA C22.2 No 142 UL 508 CSA C22.2 No 213 Class I Division 2 Group A
Product certifications	RINA LR GL ABS BV DNV 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 Conformal coating Humiseal 1A33
IP degree of protection	IP20
Pollution degree	2

Packing Units

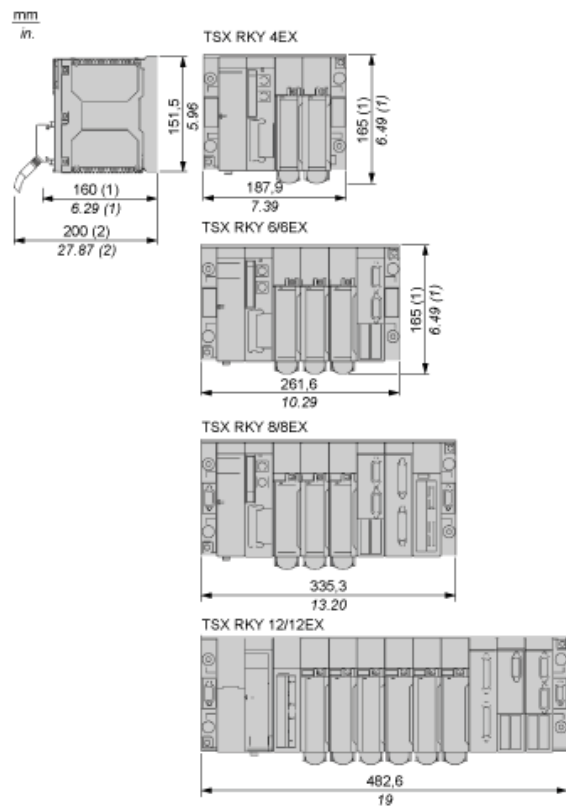
Package 1 Weight	0.469 kg
Package 1 Height	55.000 mm
Package 1 width	180.000 mm
Package 1 Length	260.000 mm

Contractual warranty

Warranty	18 months
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Standard and Extendable Racks for Modules Mounting

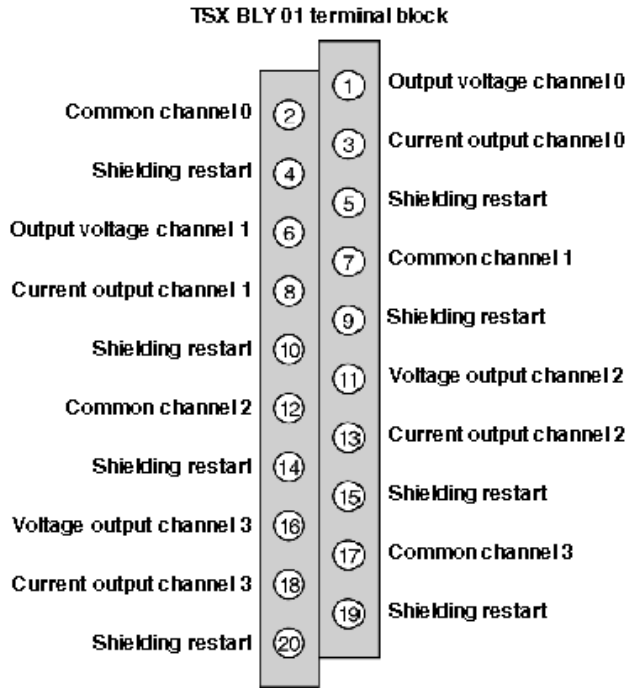
Dimensions of Modules and Racks



- (1) With screw terminal block modules.
- (2) Maximum depth for all types of modules and their associated connectors.

Analog Output Module (4-Channel, Voltage/Current)

Terminal Block Pin Assignment



TSXASY410C is replaced by:



Harsh environment BMXAMO0410H

isolated analog output module X80 - 4 outputs - severe

Qty 1