

Product datasheet

Specifications



analog output module Modicon Premium - 4 O multirange

TSXASY410

-  **Discontinued on:** 23 Jan 2021
-  **To be end-of-service on:** 31 Dec 2026

 **Discontinued - Service only**

Price: 27,881.05 ZAR

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 µA 0...20 mA 10.25 µA 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	<= 30 V
Load Impedance Ohmic	< 600 Ohm 0...20 mA < 600 Ohm 4...20 mA > 1000 Ohm +/- 10 V
Maximum Load Inductance	300 µH
Maximum Load Capacitance	0.1 µF
Marking	CE
Current Consumption	900 mA at 5 V DC
Module Format	Standard

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Environment

Standards	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 142 92/31/EEC 89/336/EEC CSA C22.2 No 213 Class I Division 2 Group A 93/68/EEC IEC 61131-2 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group D UL 508
Product Certifications	GL ABS RINA DNV RMRS LR BV
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 Height	5.5 cm
Package 1 Width	18.0 cm
Package 1 Length	26.0 cm
Package 1 Weight	453.0 g

Contractual warranty

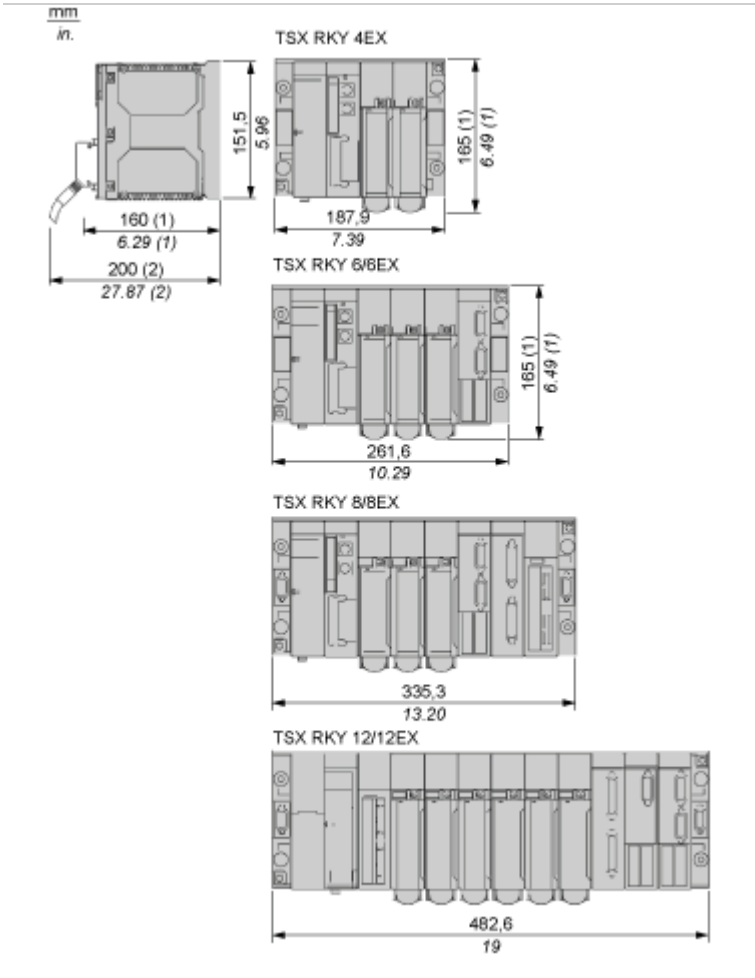
Warranty

18 months

Dimensions Drawings

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.

Connections and Schema

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

Terminal Block Pin Assignment

