

Product datasheet

Specifications



Analog output module, Modicon Premium, 4 outputs, 12 bits conversion, 900mA at 5VDC

TSXASY410

⚠ Discontinued on: Sep 4, 2024

⚠ Discontinued

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	300 μ H
Maximum load capacitance	0.1 μ F
Marking	CE
Current consumption	900 mA at 5 V DC
Module format	Standard

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#
--------------------------------------	---

Product 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



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

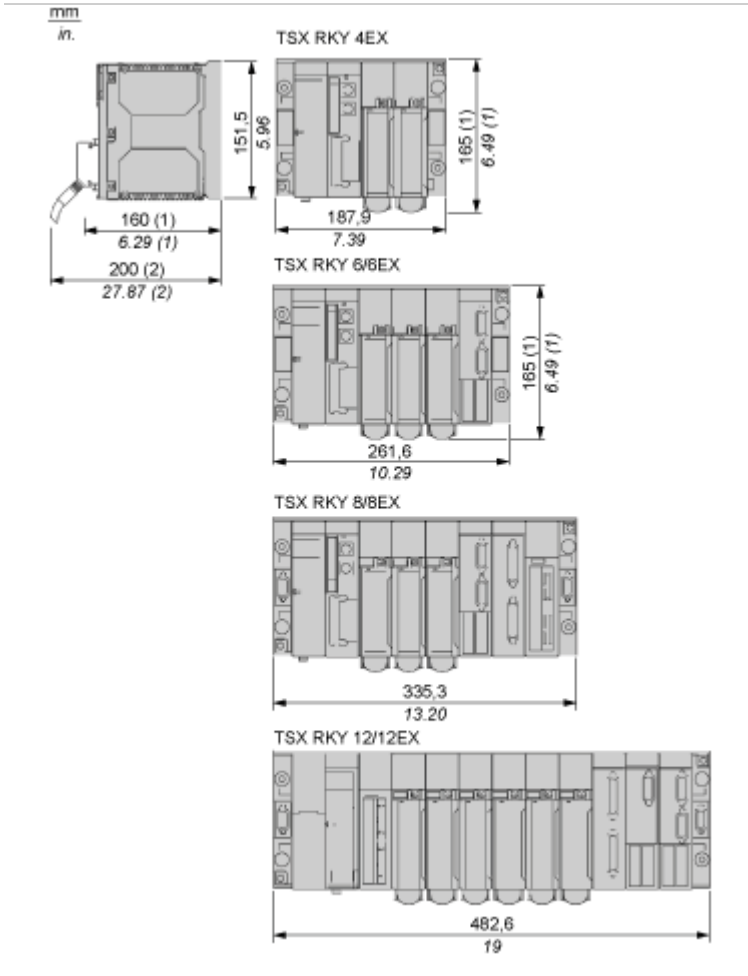
Repair

No

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

