

TSXASY410

analog output module Modicon Premium - 4 O
multirange



Main

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

Complementary

Conversion time	2.5 ms
Measurement resolution	5.12 mV +/- 10 V 10.25 µA 4...20 mA 10.25 µA 0...20 mA
Electrical connection	Screw terminal block
Measurement error	0.98 % of full scale 4...20 mA 0...60 °C 0.98 % of full scale 0...20 mA 0...60 °C 0.75 % of full scale +/- 10 V 0...60 °C 0.52 % of full scale 4...20 mA 25 °C 0.52 % of full scale 0...20 mA 25 °C 0.45 % of full scale +/- 10 V 25 °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	> 1000 Ohm +/- 10 V < 600 Ohm 4...20 mA < 600 Ohm 0...20 mA
Load inductance	< 300 µH
Load capacitance	< 0.1 µF
Marking	CE
Current consumption	900 mA 5 V DC
Module format	Standard

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

Environment

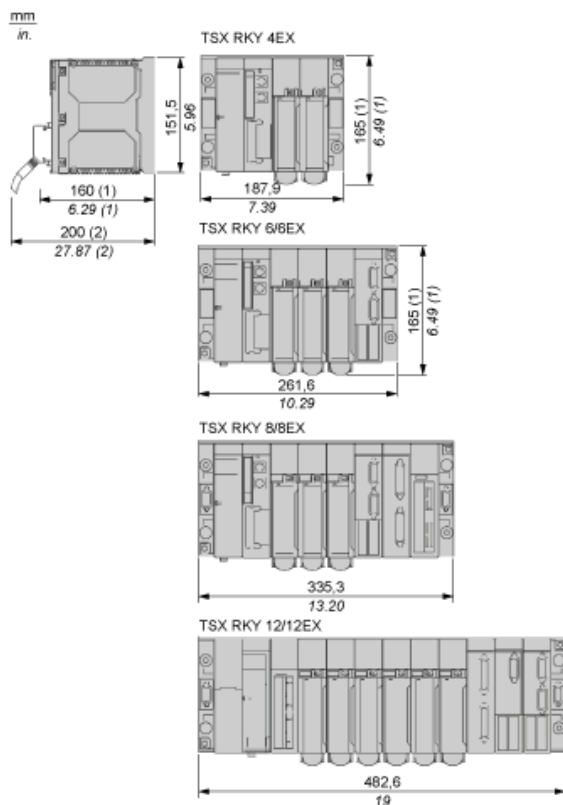
Standards	73/23/EEC 89/336/EEC 92/31/EEC 93/68/EEC CSA 22-2 No 142 CSA 22-2 No 213 Class I Division 2 Group A CSA 22-2 No 213 Class I Division 2 Group B CSA 22-2 No 213 Class I Division 2 Group C CSA 22-2 No 213 Class I Division 2 Group D IEC 61131-2 UL 508
Product certifications	ABS BV DNV GL LR RINA RMRS
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	5...95 % without condensation for storage 10...95 % without condensation for operation
Operating altitude	0...2000 m
Protective treatment	TC
IP degree of protection	IP20
Pollution degree	2

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0843 - Schneider Electric declaration of conformity download declaration of conformity

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

TSX BLY 01 terminal block

	①	Output voltage channel 0
Common channel 0	②	
	③	Current output channel 0
Shielding restart	④	
	⑤	Shielding restart
Output voltage channel 1	⑥	
	⑦	Common channel 1
Current output channel 1	⑧	
	⑨	Shielding restart
Shielding restart	⑩	
	⑪	Voltage output channel 2
Common channel 2	⑫	
	⑬	Current output channel 2
Shielding restart	⑭	
	⑮	Shielding restart
Voltage output channel 3	⑯	
	⑰	Common channel 3
Current output channel 3	⑱	
	⑲	Shielding restart
Shielding restart	⑳	