



Commercial status

End of Commercialisation :

⚠ End of Commercialisation

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	<= 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 MF
Marking	CE
Current consumption	900 mA at 5 V DC
Module format	Standard

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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

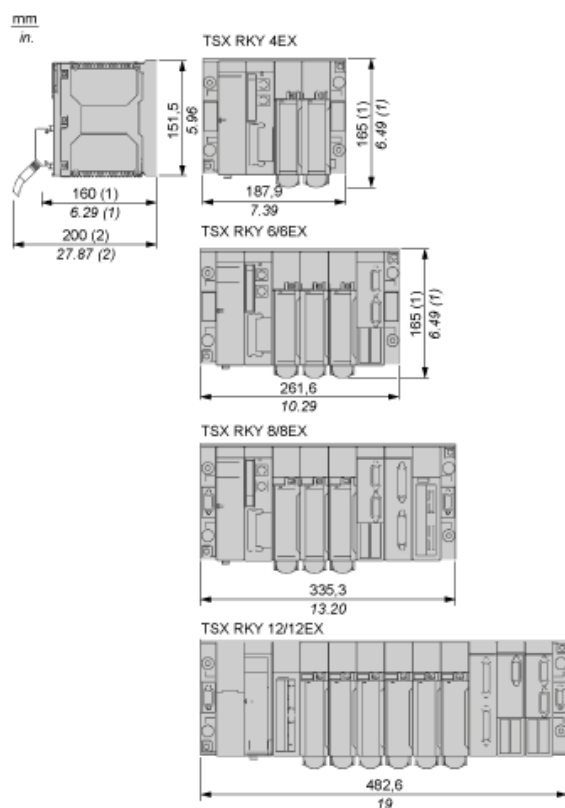
Standards	IEC 61131-2 CSA C22.2 No 213 Class I Division 2 Group C 73/23/EEC 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group B 89/336/EEC 93/68/EEC CSA C22.2 No 142 UL 508 CSA C22.2 No 213 Class I Division 2 Group A
Product certifications	RINA LR GL ABS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

Contractual warranty

Warranty	18 months
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Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

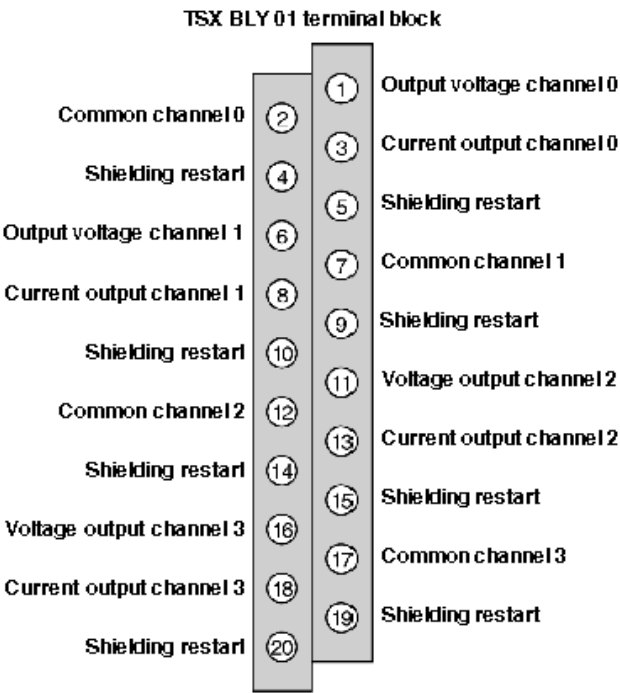


(1) With screw terminal block modules.

(2) Maximum depth for all types of modules and their associated connectors.

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

Terminal Block Pin Assignment



Product Life Status : **Post commercialisation**

TSXASY410C may be replaced by any of the following products:



BMXAMO0410H
isolated analog output module X80 - 4 outputs - for severe environment
Qty 1
Reason for Substitution: End of life | Substitution date: 31 Dec 2017 | Not same dimensions/design



BMXAMO0410H
isolated analog output module X80 - 4 outputs - for severe environment
Qty 1
Reason for Substitution: End of life | Substitution date: 31 Dec 2017 | Not same dimensions/design



BMXAMO0410H
isolated analog output module X80 - 4 outputs - for severe environment
Qty 1
Reason for Substitution: End of life | Substitution date: 30 Jun 2018 |