

# TSXASY800C

analog output module - 8 output - current,voltage -  
13 bits,13 bits,13 bits+sign

Product availability : Stock - Normally stocked in distribution facility

Price\* : 3519.00 USD



## Main

Range of product	Modicon Premium Automation platform
Product or component type	Analog output module
Analogue output number	8
Analogue output type	Current 0...20 mA Current 4...20 mA Voltage +/- 10 V
Analog/Digital conversion	13 bits + sign +/- 10 V 13 bits 0...20 mA 13 bits 4...20 mA

## Complementary

Conversion time	5 ms
Measurement resolution	1.28 mV +/- 10 V 2.56 µA 0...20 mA 2.56 µA 4...20 mA
Electrical connection	1 SUB-D 25 connector
Measurement error	0.14 % of full scale +/- 10 V 25 °C 0.21 % of full scale 0...20 mA 25 °C 0.21 % of full scale 4...20 mA 25 °C 0.28 % of full scale +/- 10 V 0...60 °C 0.52 % of full scale 0...20 mA 0...60 °C 0.52 % of full scale 4...20 mA 0...60 °C
Isolation between channels	Common point
Isolation between channels and bus	1000 Vrms
Isolation between channels and ground	1000 Vrms
Protection type	Short-circuit protection Overload protection
Output voltage limits	<= 30 V
Load impedance ohmic	< 600 Ohm 0...20 mA

	< 600 Ohm 4...20 mA > 1000 Ohm +/- 10 V
Load inductance	< 0.3 mH
Load capacitance	< 0.1 µF
Marking	CE
Current consumption	200 mA 5 V DC 300 mA 24 V DC
Module format	Standard
Terminals description PLC n°1	(21)OUT_ANA_VOLT#5 PW_NEG# (15)OUT_ANA_VOLT#1 (25)OUT_ANA_CUR#7 (18)OUT_ANA_VOLT#3 (13)IN_ANA_STD# (24)OUT_ANA_VOLT#7 (16)OUT_ANA_CUR#1 (10)OUT_ANA_VOLT#6 (11)OUT_ANA_CUR#6 (5)OUT_ANA_CUR#2 (2)OUT_ANA_CUR#0 PW_POS# (4)OUT_ANA_VOLT#2 (19)OUT_ANA_CUR#3 (6)OUT_ANA_COM#3 (9)OUT_ANA_COM#5 (3)OUT_ANA_COM#1 (14)OUT_ANA_COM#0 (17)OUT_ANA_COM#2 (7)OUT_ANA_VOLT#4 (8)OUT_ANA_CUR#4 (20)OUT_ANA_COM#4 (12)OUT_ANA_COM#7 (23)OUT_ANA_COM#6 (22)OUT_ANA_CUR#5 (1)OUT_ANA_VOLT#0

## Environment

Standards	CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group C IEC 61131-2 UL 508 CSA C22.2 No 213 Class I Division 2 Group D 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group A 73/23/EEC 93/68/EEC 89/336/EEC
Product certifications	ABS RMRS DNV GL RINA BV LR
Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-13...158 °F (-25...70 °C)
Relative humidity	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating altitude	0...6561.68 ft (0...2000 m)
Protective treatment	TC Conformal coating Humiseal 1A33
IP degree of protection	IP20
Pollution degree	2

### Ordering and shipping details

Category	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	00785901951209
Nbr. of units in pkg.	1
Package weight(Lbs)	1
Returnability	N
Country of origin	FR

### Offer Sustainability

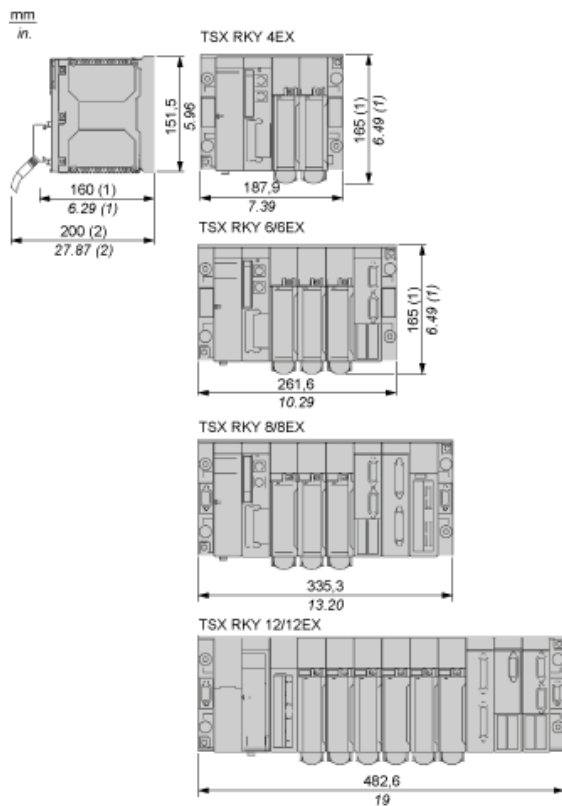
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0835 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product end of life instructions	Need no specific recycling operations

### Contractual warranty

Warranty period	18 months
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Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

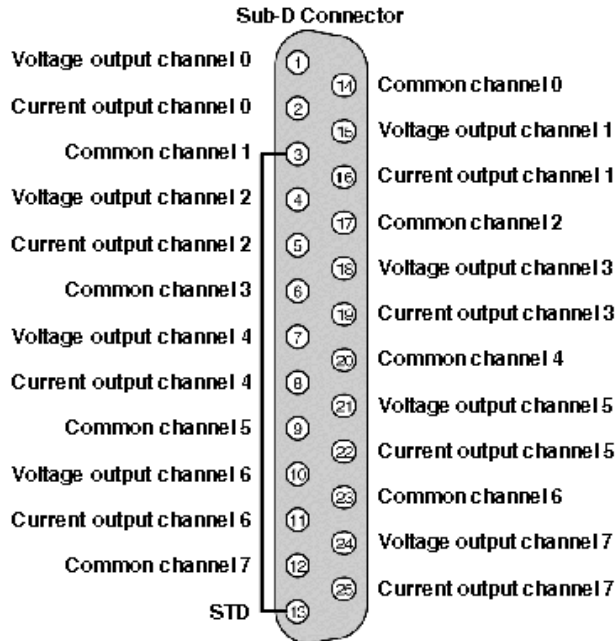


(1) With screw terminal block modules.

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

Analog Output Module (8-Channel, Voltage/Current)

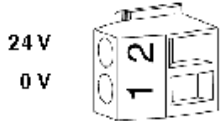
Connector Pin Assignment



STD: The "strap" between pins 3 and 13 detects disconnection.

External Power Supply Terminal Block Pin Assignment

External supply terminal block



Some recommendations:

- External supply must be of the type VLVS (very low voltage for safety) 24 V +/- 5 %, ripple < 1 V.
- The connection lead must be a shielded cable (it is advised to connect the shielding braid on the supply side and as close as possible to the module, using the shielded cable).

Supplies that are suitable: TSXSUP1011/1021/1051/1101 and TSXSUPA05.