Product data sheet
Characteristics

TSXASY410
analog output module Modicon Premium - 4 O multirange

Product availability : Stock - Normally stocked in distribution facility



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

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

Load inductance	< 300 µH
Load capacitance	< 0.1 µF
Marking	CE
Current consumption	900 mA 5 V DC
Module format	Standard
Terminals description PLC n°1	(19)OUT_ANA_SHIELD# (12)OUT_ANA_COM#2 (8)OUT_ANA_CUR#1 (16)OUT_ANA_VOLT#3 (9)OUT_ANA_SHIELD# (4)OUT_ANA_SHIELD# (13)OUT_ANA_CUR#2 (17)OUT_ANA_COM#3 (14)OUT_ANA_SHIELD# (10)OUT_ANA_SHIELD# (18)OUT_ANA_CUR#3 (2)OUT_ANA_COM#0 (15)OUT_ANA_SHIELD# (20)OUT_ANA_SHIELD# (3)OUT_ANA_CUR#0 (5)OUT_ANA_SHIELD# (1)OUT_ANA_VOLT#0 (11)OUT_ANA_VOLT#2 (6)OUT_ANA_VOLT#1 (7)OUT_ANA_COM#1
Product weight	0.77 lb(US) (0.35 kg)

Environment

Standards	CSA C22.2 No 213 Class I Division 2 Group D 92/31/EEC UL 508 CSA C22.2 No 213 Class I Division 2 Group C 93/68/EEC 89/336/EEC CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group B IEC 61131-2 CSA C22.2 No 213 Class I Division 2 Group A 73/23/EEC
Product certifications	DNV GL ABS BV RINA LR RMRS
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
IP degree of protection	IP20
Pollution degree	2

Ordering and shipping details

Category	22558 - TSX PREMIUM, ATRIUM & PL7 PRO
Discount Schedule	PC22
GTIN	00785901748038
Nbr. of units in pkg.	1
Package weight(Lbs)	1
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0843 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months