

# 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	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
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	(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

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.

## Environment

Standards	<p>73/23/EEC  73/23/EEC  73/23/EEC  73/23/EEC  73/23/EEC  89/336/EEC  89/336/EEC  89/336/EEC  89/336/EEC  89/336/EEC  92/31/EEC  92/31/EEC  92/31/EEC  92/31/EEC  92/31/EEC  93/68/EEC  93/68/EEC  93/68/EEC  93/68/EEC  93/68/EEC  CSA C22.2 No 142  CSA C22.2 No 142  CSA C22.2 No 142  CSA C22.2 No 142  CSA C22.2 No 142  IEC 61131-2  IEC 61131-2  IEC 61131-2  IEC 61131-2  IEC 61131-2  UL 508  UL 508  UL 508  UL 508  UL 508  CSA C22.2 No 213 Class I Division 2 Group A  CSA C22.2 No 213 Class I Division 2 Group A  CSA C22.2 No 213 Class I Division 2 Group A  CSA C22.2 No 213 Class I Division 2 Group A  CSA C22.2 No 213 Class I Division 2 Group A  CSA C22.2 No 213 Class I Division 2 Group B  CSA C22.2 No 213 Class I Division 2 Group B  CSA C22.2 No 213 Class I Division 2 Group B  CSA C22.2 No 213 Class I Division 2 Group B  CSA C22.2 No 213 Class I Division 2 Group B  CSA C22.2 No 213 Class I Division 2 Group B  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 213 Class I Division 2 Group C  CSA C22.2 No 213 Class I Division 2 Group C  CSA C22.2 No 213 Class I Division 2 Group C  CSA C22.2 No 213 Class I Division 2 Group C  CSA C22.2 No 213 Class I Division 2 Group D  CSA C22.2 No 213 Class I Division 2 Group D  CSA C22.2 No 213 Class I Division 2 Group D  CSA C22.2 No 213 Class I Division 2 Group D  CSA C22.2 No 213 Class I Division 2 Group D</p>
Product certifications	<p>ABS  BV  DNV  GL  LR  RINA  RMRS</p>
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	<p>10...95 % without condensation for operation  5...95 % without condensation for storage</p>
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
REACH	Reference not containing SVHC above the threshold