

# TSXASY800

## analog output module Modicon Premium - 8 O multirange

Product availability : Stock - Normally stocked in distribution facility

Price\* : 3194.70 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<br>Current 4...20 mA<br>Voltage +/- 10 V        |
| Analog/Digital conversion | 13 bits + sign +/- 10 V<br>13 bits 0...20 mA<br>13 bits 4...20 mA |

### Complementary

|                                       |  |
|---------------------------------------|--|
| Conversion time                       | 5 ms   |
| Measurement resolution                | 1.28 mV +/- 10 V<br>2.56 µA 0...20 mA<br>2.56 µA 4...20 mA   |
| Electrical connection                 | 1 SUB-D 25 connector   |
| Measurement error                     | 0.14 % of full scale +/- 10 V 25 °C<br>0.21 % of full scale 0...20 mA 25 °C<br>0.21 % of full scale 4...20 mA 25 °C<br>0.28 % of full scale +/- 10 V 0...60 °C<br>0.52 % of full scale 0...20 mA 0...60 °C<br>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<br>Overload protection  |
| Output voltage limits                 | <= 30 V  |
| Load impedance ohmic                  | < 600 Ohm 0...20 mA  |

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

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | 89/336/EEC<br>93/68/EEC<br>IEC 61131-2<br>92/31/EEC<br>CSA C22.2 No 213 Class I Division 2 Group B<br>73/23/EEC<br>CSA C22.2 No 142<br>UL 508<br>CSA C22.2 No 213 Class I Division 2 Group A<br>CSA C22.2 No 213 Class I Division 2 Group D<br>CSA C22.2 No 213 Class I Division 2 Group C |
| Product certifications                | RMRS<br>ABS<br>GL<br>RINA<br>LR<br>DNV<br>BV   |
| 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<br>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                  | 00785901876366 |
| Nbr. of units in pkg. | 1              |
| Package weight(Lbs)   | 1.03           |
| Returnability         | Y              |
| Country of origin     | FR             |

### Offer Sustainability

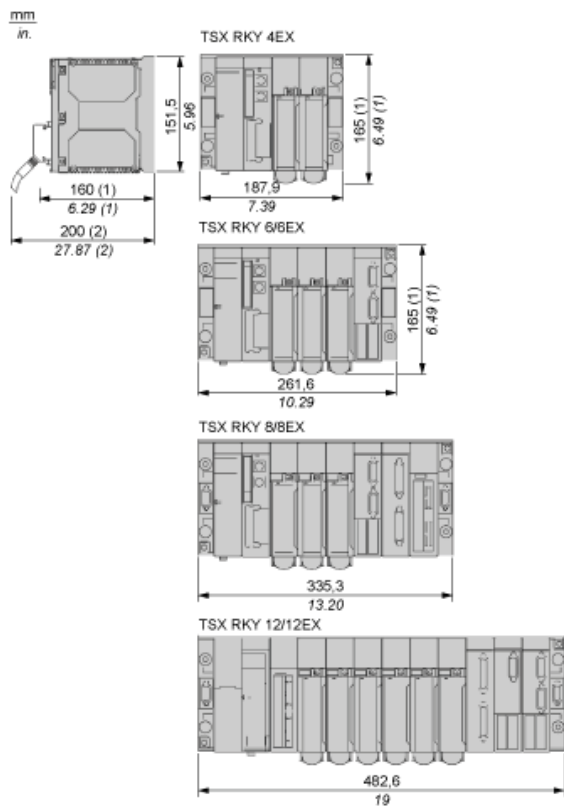
|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Not Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0835 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><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 |
|-----------------|-----------|

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

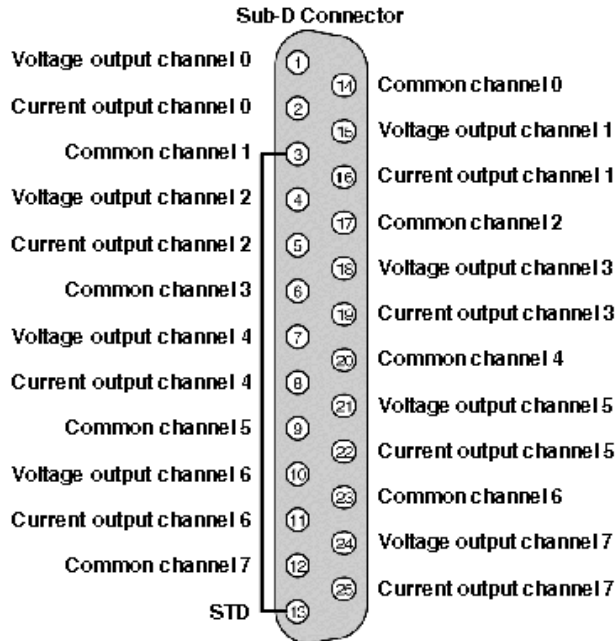


(1) With screw terminal block modules.

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

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

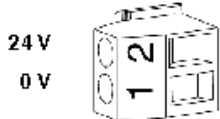
Connector Pin Assignment



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.