



Commercial status

End of Commercialisation :

⚠ End of Commercialisation

Main

Range of product	Modicon Premium Automation platform
Product or component type	Discrete output module
Discrete output number	8
Discrete output type	Solid state protected
Discrete output voltage	24 V DC positive conforming to EN/IEC 61131-2 19...30 V
Discrete output current	0.5 A

Complementary

Current per channel	0.625 A
Maximum current per module	4 A
Maximum leakage current	0.5 mA at state 0
[Ures] residual voltage	1.2 V
Response time	1.2 ms
Switching frequency	0.5/LI ² Hz
Output overvoltage protection	By transil diode
Reverse polarity protection	Reverse mounted diode
Output overload protection	Electronic tripping on reactivation
Short-circuit protection	Electronic tripping on reactivation
Preactuator voltage detection threshold	16 V
Minimum load impedance	48 W
Insulation resistance	> 10 MOhm 500 V
Power dissipation	(1 W + 0.75 W x No of outputs x current per module)
Marking	CE
Electrical connection	Screw terminal block
Current consumption	55 mA at 5 V DC
Module format	Standard
Net weight	0.32 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

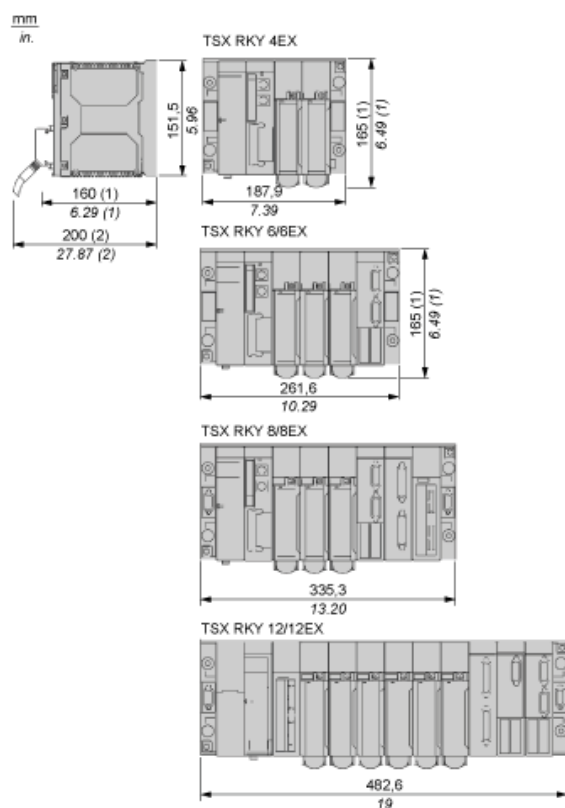
Dielectric strength	1500 V 50/60 Hz 60 s
Standards	89/336/EEC CSA C22.2 No 213 Class I Division 2 Group B UL 508 IEC 61131-2 CSA C22.2 No 142 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group A 93/68/EEC 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group C
Product certifications	ABS RINA LR GL DNV BV 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
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

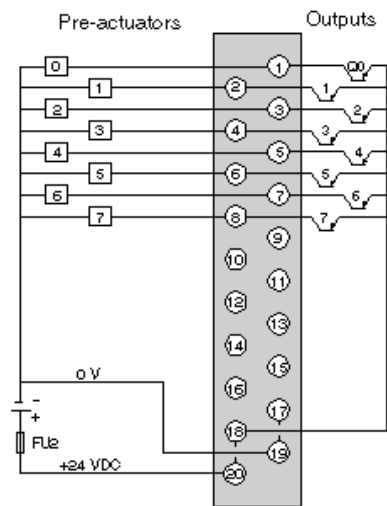


(1) With screw terminal block modules.

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

24 Vdc Discrete Transistor Output 8-Channel Module

Wiring Diagram



FU2 6.3 A quick-blow fuse

Product Life Status : **Post commercialisation**

TSXDSY08T2 may be replaced by any of the following products:



BMXDDO1602
discrete output module X80 - 16 outputs - 24 V DC positive
Qty 1
Reason for Substitution: End of life | Substitution date: 10 Apr 2017 |



BMXDDO1602
discrete output module X80 - 16 outputs - 24 V DC positive
Qty 1
Reason for Substitution: End of life | Substitution date: 30 Jun 2018 |



BMXDDO1602
discrete output module X80 - 16 outputs - 24 V DC positive
Qty 1
Reason for Substitution: End of life | Substitution date: 31 Dec 2018 | Not same dimensions/design - no compact 8 channel 24VDC static output module



BMXDDO1602
discrete output module X80 - 16 outputs - 24 V DC positive
Qty 1
Reason for Substitution: End of life | Substitution date: 31 Dec 2018 | Not same dimensions/design - no compact 8 channel 24VDC static output module



BMXDDO1602
discrete output module X80 - 16 outputs - 24 V DC positive
Qty 1
Reason for Substitution: End of life | Substitution date: 31 Dec 2018 |