



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	Relay protected
Discrete output voltage	24...120 V DC conforming to EN/IEC 61131-2 19...143 V

Complementary

[I _{th}] conventional free air thermal current	5 A
Response time	< 10 ms (activation) < 15 ms (deactivation)
Contacts type and composition	2 x 2 C/O + 2 x 2 NO
Reverse polarity protection	RC circuit and Ge-Mov
Output overload protection	6.3 A, interchangeable fuse per common fast blow
Short-circuit protection	6.3 A, interchangeable fuse per common fast blow
Insulation resistance	> 10 MOhm 500 V
Power dissipation	(0.25 W + 0.24 W x No of outputs at state 1)
Electrical durability	1000000 Cycles DC-12 100 W 48 V resistive 1000000 Cycles DC-12 220 W 100...120 V resistive 1000000 Cycles DC-12 50 W 24 V resistive 1000000 Cycles DC-3 100 W 48 V inductive 1000000 Cycles DC-3 220 W 100...120 V inductive 1000000 Cycles DC-3 50 W 24 V inductive 2000000 Cycles DC-3 110 W 100...120 V inductive 2000000 Cycles DC-3 20 W 24 V inductive 2000000 Cycles DC-3 50 W 48 V inductive 300000 Cycles DC-12 100 W 24 V resistive 300000 Cycles DC-12 200 W 48 V resistive 300000 Cycles DC-12 440 W 100...120 V resistive
Marking	CE
Electrical connection	Screw terminal block
Current consumption	55 mA at 5 V DC 80 mA at 24 V DC rack
Module format	Standard
Net weight	0.37 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

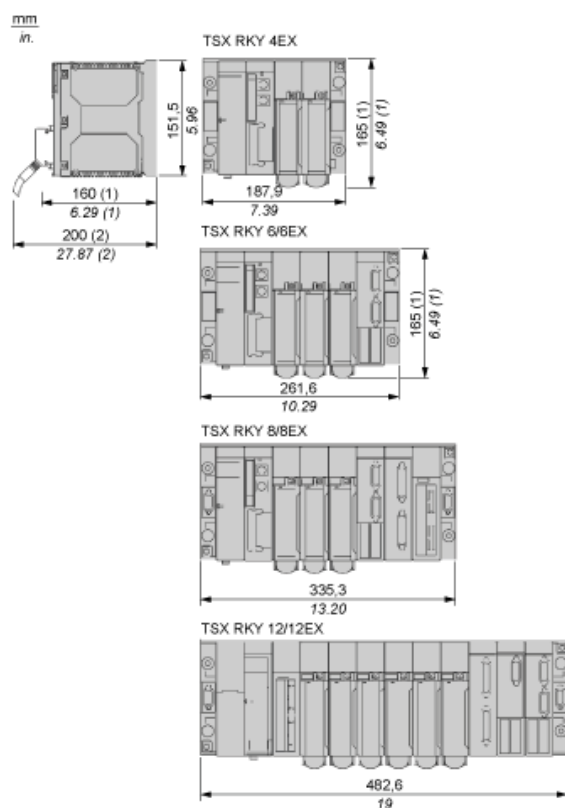
Dielectric strength	2000 V 50/60 Hz 60 s
Standards	CSA C22.2 No 213 Class I Division 2 Group B IEC 61131-2 89/336/EEC 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 142 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group A UL 508 92/31/EEC CSA C22.2 No 213 Class I Division 2 Group C
Product certifications	DNV ABS RINA LR BV GL 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	Conformal coating Humiseal 1A33 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

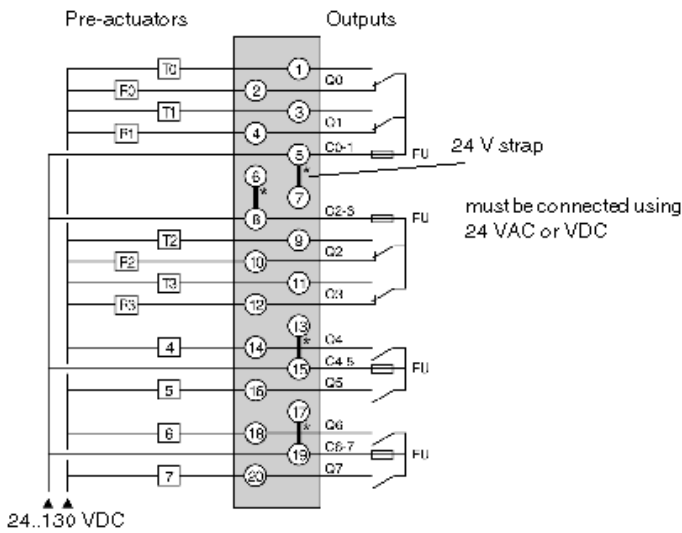


(1) With screw terminal block modules.

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

Discrete Relay Output 8-Channel Module for Direct Current

Wiring Diagram



FU 6.3 A quick-blow fuse

Product Life Status : **Post commercialisation**

TSXDSY08R4DC may be replaced by any of the following products:



BMXDRA0804T

discrete output module X80 - 8 outputs - 100...150 V DC

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Dec 2017 | Not same dimensions/design - 0.3A << Premium 5A, all NC vs-mixed NC+NO - consult us for coated version