

TSXDSY08R4DC

discrete output module - 8 relay protected
output - 24..120 V DC - 5 A



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	< 15 ms deactivation < 10 ms activation
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
Isolation resistance	> 10 MOhm 500 V
Power dissipation	(0.25 W + 0.24 W x No of outputs at state 1)
Electrical durability	300000 cycles DC-12 440 W 100...120 V resistive 300000 cycles DC-12 200 W 48 V resistive 300000 cycles DC-12 100 W 24 V resistive 2000000 cycles DC-3 50 W 48 V inductive 2000000 cycles DC-3 20 W 24 V inductive 2000000 cycles DC-3 110 W 100...120 V inductive 1000000 cycles DC-3 50 W 24 V inductive 1000000 cycles DC-3 220 W 100...120 V inductive 1000000 cycles DC-3 100 W 48 V inductive 1000000 cycles DC-12 50 W 24 V resistive 1000000 cycles DC-12 220 W 100...120 V resistive 1000000 cycles DC-12 100 W 48 V resistive
Marking	CE
Electrical connection	Screw terminal block
Current consumption	80 mA 24 V DC rack 55 mA 5 V DC
Module format	Standard
Product weight	0.37 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the products 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

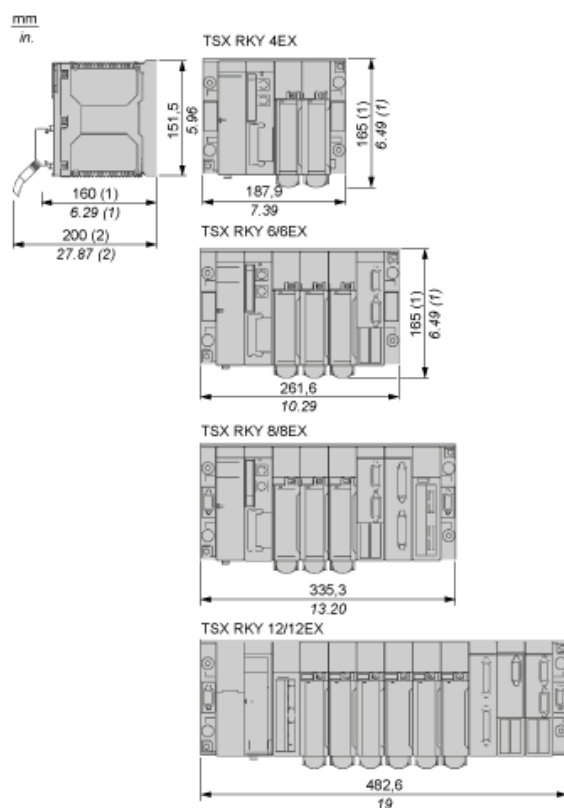
Dielectric strength	2000 V 50/60 Hz 60 s
Standards	73/23/EEC 89/336/EEC 92/31/EEC 93/68/EEC CSA 22-2 No 142 CSA 22-2 No 213 Class I Division 2 Group A CSA 22-2 No 213 Class I Division 2 Group B CSA 22-2 No 213 Class I Division 2 Group C CSA 22-2 No 213 Class I Division 2 Group D IEC 61131-2 UL 508
Product certifications	ABS BV DNV GL LR RINA RMRS
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	5...95 % without condensation for storage 10...95 % without condensation for operation
Operating altitude	0...2000 m
Protective treatment	Conformal coating Humiseal 1A33 TC
IP degree of protection	IP20
Pollution degree	2

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0943 - Schneider Electric declaration of conformity download declaration of conformity

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

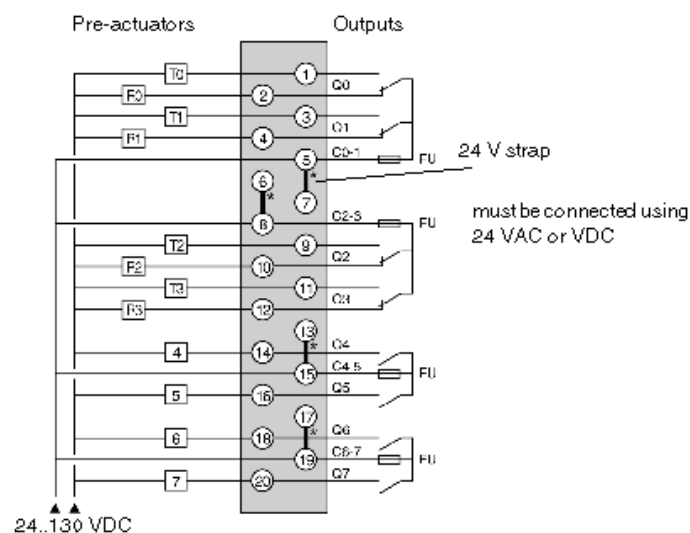


(1) With screw terminal block modules.

(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