Product data sheet
Characteristics

TSXDSY08R5A
discrete output module Modicon Premium - 8 O relay

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...240 V AC conforming to EN/IEC 61131-2 20...264 V 24...48 V DC conforming to EN/IEC 61131-2 19...60 V

Complementary

[Ith] 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
Output overvoltage 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 24 W 24 V resistive 1000000 Cycles DC-12 50 W 48 V resistive 1000000 Cycles DC-3 24 W 24 V inductive 1000000 Cycles DC-3 50 W 48 V inductive 2000000 Cycles DC-3 10 W 24 V inductive 2000000 Cycles DC-3 24 W 48 V inductive 300000 Cycles DC-12 100 W 48 V resistive 300000 Cycles DC-12 50 W 24 V resistive 100000 Cycles AC-14 440 VA 220...240 V inductive 100000 Cycles AC-15 440 VA 220...240 V inductive 1000000 Cycles AC-12 100 VA 48 V resistive 1000000 Cycles AC-12 220 VA 100...120 V resistive 1000000 Cycles AC-12 440 VA 220...240 V resistive 1000000 Cycles AC-14 220 VA 220...240 V inductive 1000000 Cycles AC-15 220 VA 220...240 V inductive 10000000 Cycles AC-14 20 VA 100...120 V inductive 10000000 Cycles AC-15 20 VA 100...120 V inductive 10000000 Cycles AC-15 20 VA 220...240 V inductive 150000 Cycles AC-14 220 VA 100...120 V inductive 150000 Cycles AC-15 220 VA 100...120 V inductive 1500000 Cycles AC-14 110 VA 100...120 V inductive 1500000 Cycles AC-15 110 VA 100...120 V inductive 2000000 Cycles AC-14 50 VA 48 V inductive 2000000 Cycles AC-15 50 VA 48 V inductive 3000000 Cycles AC-14 110 VA 220...240 V inductive 3000000 Cycles AC-15 110 VA 220...240 V inductive 500000 Cycles AC-12 200 VA 48 V resistive 500000 Cycles AC-12 440 VA 100...120 V resistive 500000 Cycles AC-14 50 VA 24 V inductive 500000 Cycles AC-15 50 VA 24 V inductive 5000000 Cycles AC-14 20 VA 48 V inductive 5000000 Cycles AC-15 20 VA 48 V inductive 700000 Cycles AC-12 100 VA 24 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	0.42 Kg

Environment

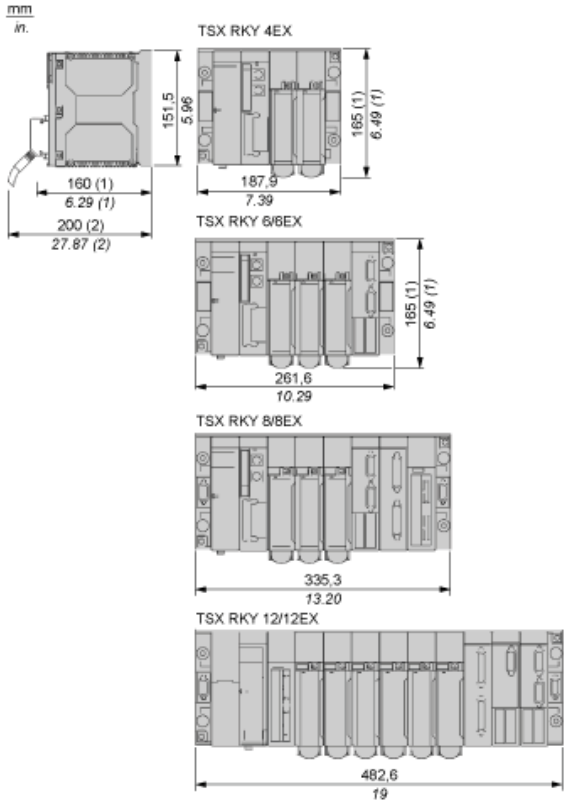
Dielectric strength	2000 V 50/60 Hz 60 s
Standards	CSA C22.2 No 213 Class I Division 2 Group D 73/23/EEC 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group A 92/31/EEC 89/336/EEC CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 142 IEC 61131-2 UL 508 CSA C22.2 No 213 Class I Division 2 Group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

Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

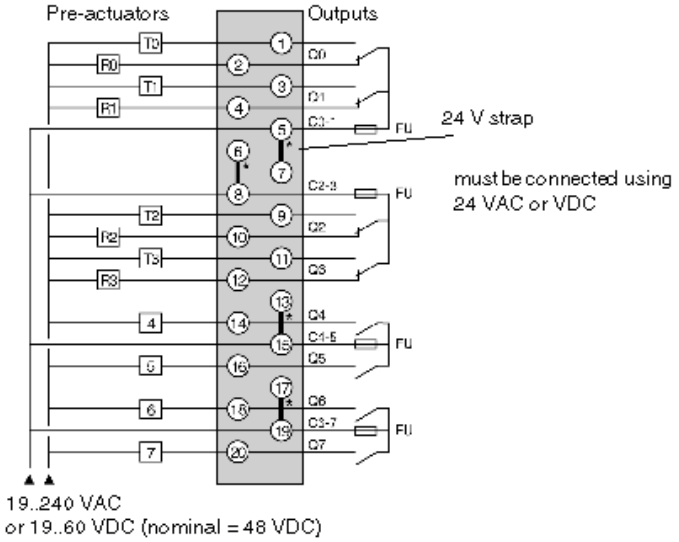


(1) With screw terminal block modules.

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

Discrete Relay Output 8-Channel Module for 5 A Thermal Current

Wiring Diagram



FU 6.3 A quick-blow fuse

Product Life Status :	Post commercialisation