



Commercial status

End of Commercialisation :

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Main

Range of product	Modicon Premium Automation platform
Product or component type	Discrete output module
Discrete output number	16
Discrete output type	Relay not protected
Discrete output voltage	12...24 V DC conforming to EN/IEC 61131-2 10...34 V 24...240 V AC conforming to EN/IEC 61131-2 20...264 V

Complementary

[I _{th}] conventional free air thermal current	3 A
Response time	< 10 ms (deactivation) < 8 ms (activation)
Contacts type and composition	1 NO
Output overvoltage protection	DC inductive, by discharge diode on each preactuator AC inductive, by RC circuit MOV (ZNO) on each preactuator
Output overload protection	1 external fuse per channel or group of channel fast blow
Short-circuit protection	1 external fuse per channel or group of channel fast blow
Insulation resistance	> 10 MOhm 500 V
Power dissipation	(0.25 W + 0.2 W x No of outputs at state 1)
Electrical durability	1000000 Cycles DC-12 24 W 24 V resistive 1000000 Cycles DC-3 24 W inductive 2000000 Cycles DC-3 10 W inductive 300000 Cycles DC-12 40 W 24 V resistive 100000 Cycles AC-14 220 VA 220 V inductive 100000 Cycles AC-15 220 VA 220 V inductive 1000000 Cycles AC-12 110 VA 110 V resistive 1000000 Cycles AC-12 220 VA 220 V resistive 1000000 Cycles AC-12 50 VA 48 V resistive 1000000 Cycles AC-14 110 VA 220 V inductive 1000000 Cycles AC-15 110 VA 220 V inductive 150000 Cycles AC-14 110 VA 110 V inductive 150000 Cycles AC-15 110 VA 110 V inductive 1500000 Cycles AC-14 50 VA 110 V inductive 1500000 Cycles AC-15 50 VA 110 V inductive 2000000 Cycles AC-14 24 VA 48 V inductive 2000000 Cycles AC-15 24 VA 48 V inductive 3000000 Cycles AC-14 50 VA 220 V inductive 3000000 Cycles AC-15 50 VA 220 V inductive 500000 Cycles AC-12 110 VA 48 V resistive 500000 Cycles AC-12 220 VA 110 V resistive 500000 Cycles AC-14 24 VA 24 V inductive 500000 Cycles AC-15 24 VA 24 V inductive 5000000 Cycles AC-14 10 VA 110 V inductive 5000000 Cycles AC-14 10 VA 220 V inductive 5000000 Cycles AC-14 10 VA 48 V inductive 5000000 Cycles AC-15 10 VA 110 V inductive 5000000 Cycles AC-15 10 VA 220 V inductive 5000000 Cycles AC-15 10 VA 48 V inductive 700000 Cycles AC-12 50 VA 24 V resistive
Marking	CE
Electrical connection	Screw terminal block
Current consumption	135 mA at 24 V DC rack 80 mA at 5 V DC
Module format	Standard
Net weight	0.38 Kg

Environment

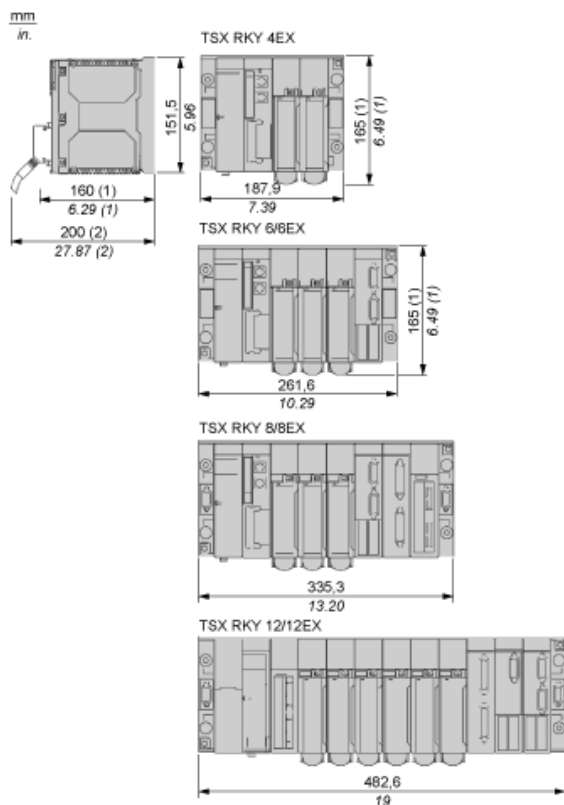
Dielectric strength	2000 V 50/60 Hz 60 s
Standards	CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group D CSA C22.2 No 213 Class I Division 2 Group A IEC 61131-2 CSA C22.2 No 142 92/31/EEC 89/336/EEC UL 508 73/23/EEC 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group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

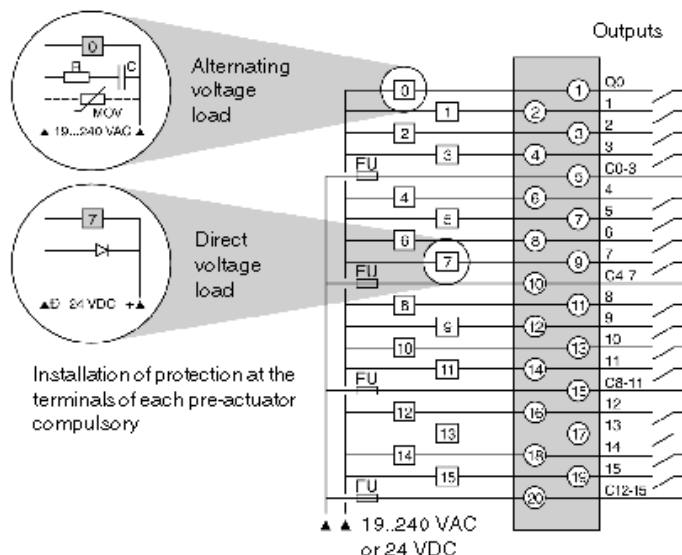


(1) With screw terminal block modules.

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

Discrete Relay Output 16-Channel Module for 3 A Thermal Current

Wiring Diagram



Precaution

NOTE: In the event of pre-actuator supply voltage being obtained from a tri-phase network which is equal to or greater than 200 Vac, the pre-actuators must be supplied from the same phase.

Product Life Status : **Post commercialisation**

TSXDSY16R5C may be replaced by any of the following products:



BMXDRA0805H

discrete output module X80 - 8 O relay - 24..240 V AC - for severe environments

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Dec 2017 | Not same dimensions/design - less channel 8 < Premium 16-ch



BMXDRA0805H

discrete output module X80 - 8 O relay - 24..240 V AC - for severe environments

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Dec 2017 | Not same dimensions/design - less channel 8 < Premium 16-ch



BMXDRA0805H

discrete output module X80 - 8 O relay - 24..240 V AC - for severe environments

Qty 1

Reason for Substitution: End of life | Substitution date: 30 Jun 2018 |