



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	AC inductive, by RC circuit MOV (ZNO) on each preactuator DC inductive, by discharge diode 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 24 V inductive 2000000 cycles DC-3 10 W 24 V 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

Disclaimer: 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

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 24 V DC rack 80 mA 5 V DC
Module format	Standard
Product weight	0.38 kg

Environment

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

Offer Sustainability

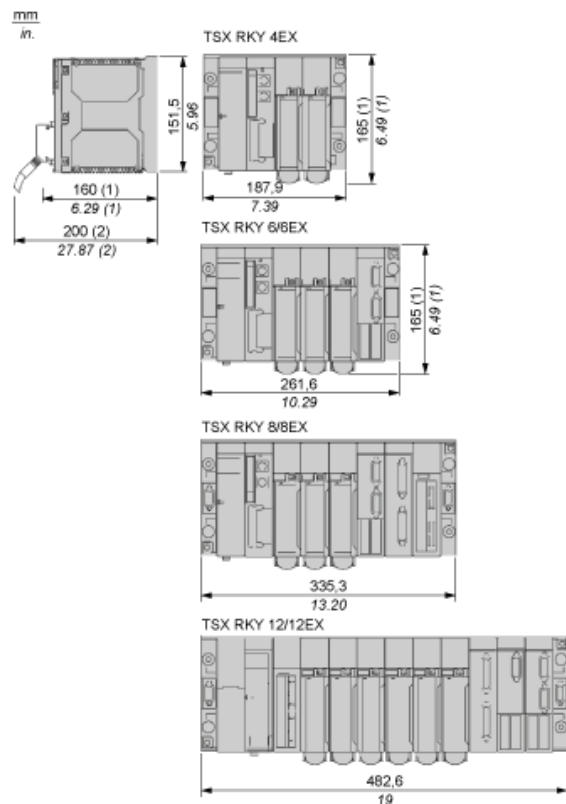
RoHS (date code: YYWW)	Compliant - since 0847 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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Standard and Extendable Racks for Modules Mounting

Dimensions of Modules and Racks

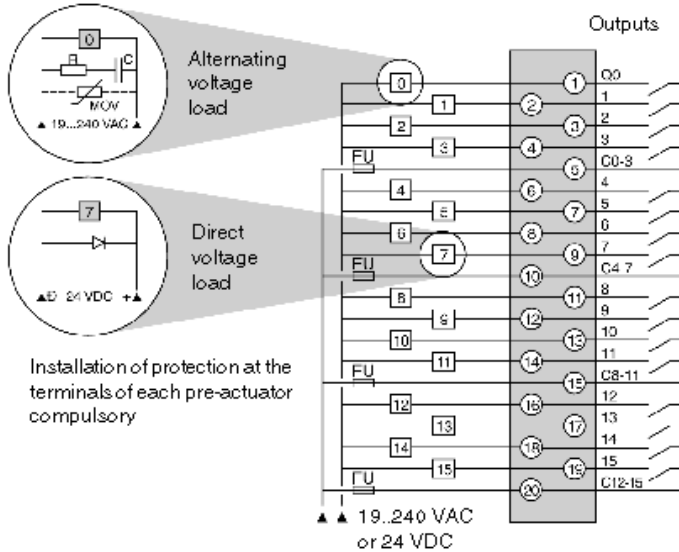


(1) With screw terminal block modules.

(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.

TSXD5Y16R5 is replaced by:



Standard environment BMXDRA0805

discrete output module M340 - 8 outputs - relay - 12..24 V DC

Qty 1

Reason for Substitution: End of life | Substitution date: 31 December 2018 | Not same dimensions/design - less channel 8 < Premium 16-ch