



Main

Range of product	Modicon Premium Automation platform
Product or component type	Discrete output module
Discrete output number	8
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

[Ith] 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 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	55 mA 5 V DC 70 mA 24 V DC rack
Module format	Standard
Product weight	0.33 kg

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

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0847 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold