



Main

Range of product	Modicon M340 automation platform
Product or component type	Discrete output module
Discrete output number	8 EN/IEC 61131-2
Discrete output type	Relay
Discrete output voltage	12...24 V 10...34 V DC 24...240 V 10...264 V AC
Ambient air temperature for operation	0...60 °C
Protective treatment	TC

Complementary

Electrical connection	20-way connector
[I _{th}] conventional free air thermal current	3 A
Insulation resistance	> 10 MOhm 500 V DC
Power dissipation in W	≤ 2,7 W
Response time on output	≤ 10 ms activation ≤ 8 ms deactivation
MTBF reliability	1573341 h
Protection type	AC inductive overvoltage protection DC inductive overvoltage protection External overload protection External short-circuit protection
Output overload protection	Use 1 fast blow fuse per channel or group of channel
Output overvoltage protection	Use RC circuit on each output AC Use ZNO surge limiter on each output AC Use discharge diode on each output DC
Output short-circuit protection	Use 1 fast blow fuse per channel or group of channel
Minimum switching current	1 mA 5 V DC
Electrical durability	100000 cycles AC-15 220 VA 200...240 V 0,35 150000 cycles AC-15 110 VA 110...120 V 0,35 300000 cycles DC-12 40 W 24 V 500000 cycles AC-15 24 VA 24 V 0,35 500000 cycles AC-12 110 VA 48 V 500000 cycles AC-15 10 VA 48 V 0,35 500000 cycles AC-12 220 VA 110...120 V 700000 cycles AC-12 50 VA 24 V 1000000 cycles AC-15 110 VA 200...240 V 0,35 1000000 cycles DC-12 24 W 24 V 1000000 cycles DC-13 24 W 24 V 1000000 cycles AC-12 50 VA 48 V 1000000 cycles AC-12 110 VA 110...120 V 1000000 cycles AC-12 220 VA 200...240 V 1500000 cycles AC-15 50 VA 110...120 V 0,35 2000000 cycles AC-15 24 VA 48 V 0,35 2000000 cycles DC-13 10 W 24 V 3000000 cycles AC-15 50 VA 200...240 V 0,35 10000000 cycles AC-15 10 VA 110...120 V 0,35 10000000 cycles AC-15 10 VA 200...240 V 0,35
Status LED	1 LED green module operating (RUN) 1 LED red module error (ERR) 1 LED red module I/O 1 LED per channel green channel diagnostic
Product weight	0,145 kg

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Environment

IP degree of protection	IP20
Standards	CSA 22-2 No 142 IEC 1131-2 IEC 664 NF C 63-850 UL 508 UL 746C
Dielectric strength	2000 V AC 50/60 Hz 1 min
Relative humidity	10...95 % without condensation
RoHS EUR conformity date	0722
RoHS EUR status	Compliant