



Main

Range of product	Modicon M340 automation platform
Product or component type	Discrete output module
Discrete output number	16 EN/IEC 61131-2
Discrete output type	Solid state
Discrete output voltage	24 V 19...30 V DC
Ambient air temperature for operation	0...60 °C
Protective treatment	TC

Complementary

Electrical connection	20-way connector
Discrete output logic	Positive
Discrete output current	0,5 A
Output compatibility	IEC 61131-2 type 3 DC input Not IEC 61131-2 DC input
Current per channel	≤ 0,625 A
Current per module	≤ 10 A
Leakage current	≤ 0,5 mA at state 0
[Ures] residual voltage	≤ 1,2 V at state 1
Insulation resistance	> 10 MOhm 500 V DC
Power dissipation in W	≤ 4 W
Response time on output	1,2 ms
Paralleling of outputs	Yes : 2 maximum
MTBF reliability	409413 h
Protection type	External short-circuit protection Overload protection Overvoltage protection Reverse polarity protection
Output overload protection	With current limiter With electronic circuit breaker $1.5 I_n < I_d < 2 I_n$
Output overvoltage protection	With transil diode
Output short-circuit protection	With 2 A external fuse
Reverse polarity protection	Reverse mounted diode
Voltage detection threshold	< 14 V DC preactuator fault > 18 V DC preactuator at state 0
Tungsten load	≤ 6 W
Switching frequency	0.5/LI ² Hz
Load impedance ohmic	≤ 48 Ohm
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	0,12 kg

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	1500 V AC 50/60 Hz 1 minute, output/ground 1500 V AC 50/60 Hz 1 minute, output/internal logic
Relative humidity	10...95 % without condensation
RoHS EUR conformity date	0722
RoHS EUR status	Compliant