

# BMXDDO1602

discrete output module M340 - 16 outputs - solid state - 24 V DC positive



## Main

Range of product	Modicon M340 automation platform
Product or component type	Discrete output module
Electrical connection	20-way connector
Discrete output number	16 conforming to EN/IEC 61131-2
Discrete output type	Solid state
Discrete output logic	Positive
Discrete output voltage	24 V 19...30 V DC
Discrete output current	0.5 A
Output compatibility	IEC 61131-2 type 3 DC input Not IEC 61131-2 DC input

## Complementary

Current per channel	$\leq 0.625$ A
Current per module	$\leq 10$ A
Leakage current	$\leq 0.5$ mA at state 0
[Ures] residual voltage	$\leq 1.2$ V at state 1
Insulation resistance	$> 10$ MOhm 500 V DC
Power dissipation in W	$\leq 4$ W
Response time on output	1.2 ms
Paralleling of outputs	Yes : 2 maximum
Typical current consumption	100 mA at 3.3 V DC
MTBF reliability	409413 H
Protection type	External short-circuit protection Overload protection Overvoltage protection Reverse polarity protection
Output overload protection	With electronic circuit breaker $1.5 I_n < I_d < 2 I_n$ With current limiter
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	$\leq 6$ W
Switching frequency	0.5/LI <sup>2</sup> Hz
Load impedance ohmic	$\leq 48$ Ohm
Status LED	1 LED red for module error (ERR) 1 LED green for module operating (RUN) 1 LED per channel green for channel diagnostic 1 LED red for module I/O
Product weight	0.12 kg

## Environment

IP degree of protection	IP20
Standards	CSA C22.2 No 142 IEC 1131-2 IEC 664 NF C 63-850 UL 508

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.

UL 746C

Dielectric strength	1500 V AC at 50/60 Hz 1 minute, output/ground 1500 V AC at 50/60 Hz 1 minute, output/internal logic
Ambient air temperature for operation	0...60 °C
Relative humidity	10...95 % without condensation
Protective treatment	TC

### Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0722 - Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations