

BMXDDO6402K

discrete output module M340 - 64 outputs - solid state - 24 V DC positive



Main

Range of product	Modicon M340 automation platform
Product or component type	Discrete output module
Electrical connection	Two 40-way connectors
Discrete output number	64 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	0.1 A
Output compatibility	IEC 61131-2 type 3 DC input Not IEC 61131-2 DC input

Complementary

Current per channel	≤ 0.125 A
Current per module	≤ 3.8 A at ≤ 60 °C ≤ 5.1 A at ≤ 50 °C ≤ 6.4 A at ≤ 40 °C
Insulation resistance	> 10 MOhm 500 V DC
Power dissipation in W	≤ 6.85 W
Response time on output	1.2 ms
Paralleling of outputs	Yes : 3 maximum
Typical current consumption	240 mA at 3.3 V DC
MTBF reliability	173792 H
Protection type	External short-circuit protection Overload protection Overvoltage protection Reverse polarity protection
Output overload protection	With electronic circuit breaker 0.125 A $< I_d < 0.185$ A 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	≤ 1.2 W
Switching frequency	0.5/LI ² Hz
Overload time	≤ 15 ms
Load impedance ohmic	≤ 220 Ohm
Status LED	1 LED red for module error (ERR) 1 LED green for +32 channels indicator 1 LED green for module operating (RUN) 1 LED per channel green for channel diagnostic 1 LED red for module I/O
Product weight	0.15 kg

Environment

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

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UL 508
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 500 V DC 1 minute, between group of channels
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