

# BMXDRA0805

discrete output module M340 - 8 outputs - relay -  
12..24 V DC



## Main

Range of product	Modicon M340 automation platform
Product or component type	Discrete output module
Electrical connection	20-way connector
Discrete output number	8 conforming to 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

## Complementary

[I <sub>th</sub> ] 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
Typical current consumption	100 mA at 3.3 V DC
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 discharge diode on each output DC Use RC circuit on each output AC Use ZNO surge limiter on each output AC
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	1000000 cycles AC-12 50 VA 48 V 1000000 cycles DC-12 24 W 24 V 1000000 cycles DC-13 24 W 24 V 2000000 cycles AC-15 24 VA 48 V 0.35 2000000 cycles DC-13 10 W 24 V 300000 cycles DC-12 40 W 24 V 500000 cycles AC-12 110 VA 48 V 500000 cycles AC-15 10 VA 48 V 0.35 500000 cycles AC-15 24 VA 24 V 0.35 700000 cycles AC-12 50 VA 24 V 100000 cycles AC-15 220 VA 200...240 V 0.35 1000000 cycles AC-12 110 VA 110...120 V 1000000 cycles AC-12 220 VA 200...240 V 1000000 cycles AC-15 110 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 150000 cycles AC-15 110 VA 110...120 V 0.35 1500000 cycles AC-15 50 VA 110...120 V 0.35 3000000 cycles AC-15 50 VA 200...240 V 0.35 500000 cycles AC-12 220 VA 110...120 V
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	0.145 kg

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## Environment

IP degree of protection	IP20
Standards	CSA C22.2 No 142 IEC 1131-2 IEC 664 NF C 63-850 UL 508 UL 746C
Dielectric strength	2000 V AC at 50/60 Hz 1 min
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 0901 - 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