

MAXPRO INTRUSION DOOR CONTROL MODULE

The MAXPRO Intrusion Door Control Module (DCM) is a single door access control module and connects to an MPI Control Panel. It provides access and egress to the protected premise. Adding more than one DCM increases the number of access points and each communicates with an MPI Control Panel via the IB2 communication bus.



SPECIFICATIONS

MPIDC1	
BOARD POWER	
Input voltage	13.8 VDC nominal (10–14.5 VDC)
Current, idle	60 mA
Current, max.	185 mA (relays active)
ACCESS CONTROL	
Reader power	13.7 VDC; 1 A
Wiegand data	5 VDC
Card types	Wiegand: - HID cards: 26, 32, 34, 35, and 48 bit - Mifare cards: Classic 32 bit and Desfire 56 bit; reading CSN only - EM4102 ASK 125 kHz; up to 40 bits Note: card type is set on site level (all DCMs in the site).
RELAYS	
Door Strike/Lock	12–30 VDC; 3 A max.; dedicated for door lock (magnetic lock or door strike). Current-limited to 1.5 A with 12 VDC on NC/NO pin.
TRIGGER OUTPUTS (X 4)	
LED R, LED Y, LED G, BUZZ	50 mA (switched negative) each
ZONES (INPUTS)	
RTE (request to exit)	Default triple-balanced
DSM (door status monitor)	Default triple-balanced
ENVIRONMENTAL	
Operating temperature	-10 to +50 °C / Indoor use only
Humidity	Max. 93% RH non-condensing
Ingress and impact protection	EN 60529:1992+A2:2013: IP42 / EN 62262:2002: IK06
PHYSICAL	
Dimensions (W x D x H)	With enclosure: 18 cm x 14 cm x 4 cm Without enclosure: 13 cm x 8.6 cm x 2.6 cm As shipped: 21.5 cm x 15.0 cm x 4.5 cm
Weight	With enclosure: 356 g Without enclosure: 120 g As shipped: 453 g
OTHER	
Ancillary Control Equipment (ACE)	Type B

FEATURES

- Single-door control for connection to control panel
- Two readers selectable for entry or exit*
- Programmable 12 VDC relay for door lock
- Control of reader, buzzer, and 3 LEDs
- Separate remote enclosure or cabinet mounting
- Lid and off-wall tamper protection, bypassable

*Exit reader will be available soon.

COMPLIANCE

This product is suitable for use in systems designed to comply with PD 6662:2017.

This product has been tested for compliance by BRE Global Ltd. UK to:
EN 50131-3:2009 Grade 3 Environmental Class II.