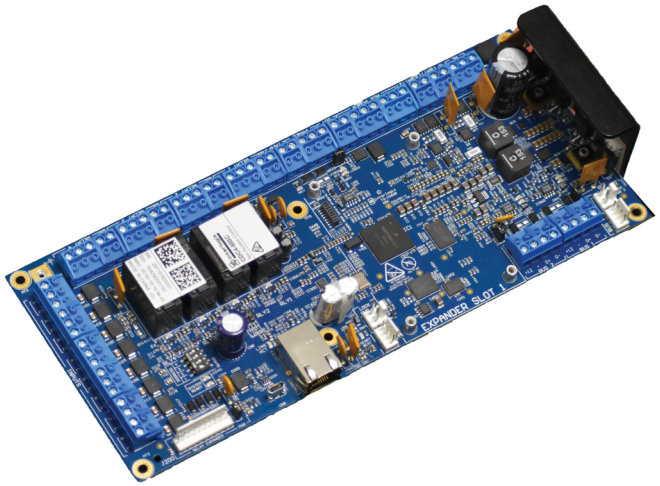
CDC4-MBC

Intelligent 4-8 Door Controller with 12V PSU motherboard card



Details

- Real time alarm & access control on 4-8 doors / lifts per controller
- Complete database for offline operation
- Up to 12 CDC4 door controllers providing 48 to 96 intelligent doors
- Any door can be configured as lift: use both together in one controller
- Full access control features: interlocking, user count, high secure users, anti-passback with regions
- Up to 65532 users with card and/or PIN
- Up to 32 readers per CDC4 and 6 per door
- Two local databuses with configurable protocol
- Supporting Secure readers, OSDP readers and wireless locks
- On board inputs, door relays, IP connection and expansion options
- Extended mode operation: access control users managed by Advisor Management
- Anti-passback between all door controllers in standard mode connected to Axon or Advisor Advanced

CDC4-MBC

Intelligent 4-8 Door Controller with 12V PSU motherboard card

Technical specifications

General

Expander type	Door controller
Product line	Advisor Advanced, Axon
Connection type	RS485 (to Axon, Advisor Advanced), IP (to Axon, Advisor Management)
Compatibility	Axon, Advisor Advanced (not Advisor Master)
Max. distance from panel	1.5 km using advised cable
Max. per panel	Up to 12, depending on intrusion panel
Specified cable	WCAT52 / WCAT54 or equivalent

System

Users	Up to 65532
PIN codes	All
Door groups	128 - 50,000
Timezones / holidays	24 - 1000
Addressing	DIP Switches
End-of-line resistor	Selectable

Inputs

Total	32 for intrusion use
Onboard	8
Expandable	24 for intrusion use

Outputs

Total	16 for intrusion use
Onboard	4
Expandable	8
Type of outputs	Relays/Open Collector
Relays	4
Maximum number of outputs	128
Siren outputs	1

Backup

Battery type	Up to 26 Ah Max 18 Ah in housing
Dynamic battery testing	Supported

Electrical

Power supply type	220/230 VAC
Power consumption	3A at 13.8 VDC
Current consumption	251 mA (incl Ethernet)
Integrated power supply	Yes

Physical

Physical dimensions	110 x 255 x 48 mm
Colour	Beige
Material	Metal
Housing	No housing

Environmental

Operating temperature	0 to +50°C
Storage temperature	−20 to +80°C
Relative humidity	93% noncondensing
Environment	Indoor

Regulatory

Compliancy	CE
Certification	CE

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

Last updated on 18 June 2026 - 14:23