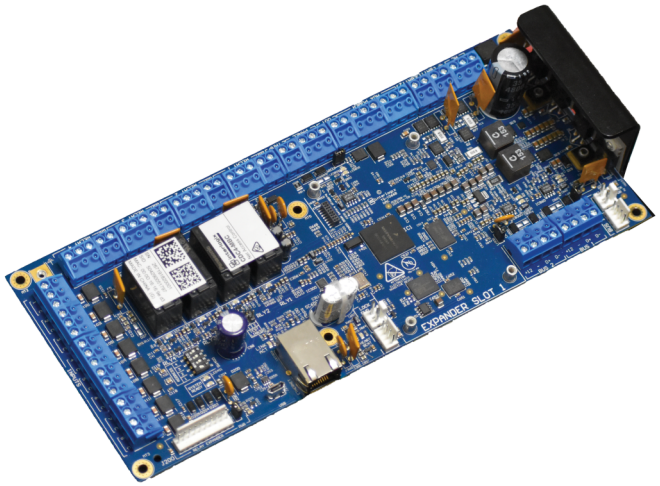
# CDC4-MBC

**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 | Dørstyring |
| 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 | Mikroprzełączniki |
| 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<br>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 | Indendør |

### 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