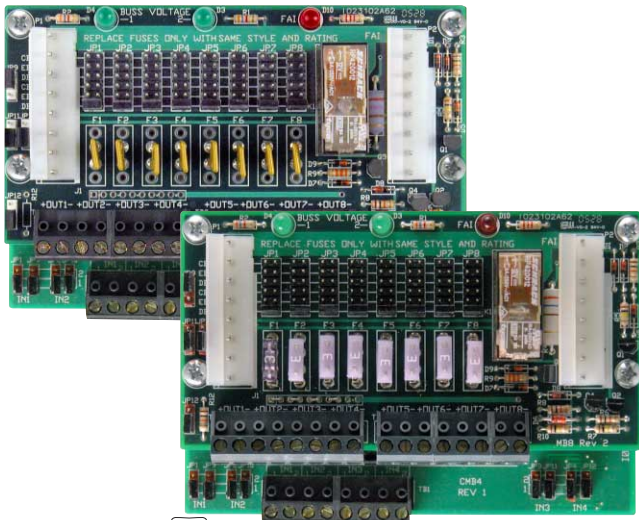


CMB8 — CMB8F Controlled Multi-Buss Power Distribution Modules



The Beacon controlled multi-buss power distribution module is designed for use with AlarmSaf's Beacon Power Supply Line to provide flexible power management for access control system integration applications. There are two models available; the CMB8F with 4 relay controlled and 4 uncontrolled (8 total), fuse protected outputs and the CMB8 with 4 relay controlled and 4 uncontrolled (8 total), class 2, power limited outputs. Each output is individually selectable for FAI/egress control and output voltage. The 4 relay controlled outputs accept dry contact, open collector or voltage input for lock control. Ideal for use with all 8 or 16 door access control systems. The CMB8F and CMB8 modules have been tested and listed to the following industry standards: UL/ANSI 294, UL/ANSI 1481, UL/ANSI 1076, UL/ANSI 2044, ULC S527, ULC S318, CAN/CSA-C22.2 No.107.1-01, NYMEA, CSFM

MODULE FEATURES

- All Outputs are individually selectable for:
 - 12 or 24 VDC
 - Enabled or disabled on FAI
 - Continuous output
- Relay controlled outputs are also individually selectable for the following input options:
 - Dry contact
 - Open collector
 - Voltage
- Compatible for use with all AlarmSaf Beacon Power Supplies and accessory modules
- Multi-buss design structure allows for connection to 2 independent power sources
- Removable jumpers for voltage selection, FAI mode and input mode
- Visual status indicators
- Plug-in connectors for safe and easy connection to Beacon power supply and accessory modules

- Removable terminal strips
- Compact size, mounts directly to Beacon power supply or in cabinet
- Limited lifetime warranty
- Agency listed

MODULE SPECIFICATIONS

Input specifications

- Input Voltage: 24 VDC, maximum
- Input Current: 14 A, maximum
- Input Activation of relay controlled outputs: 5 - 30 VDC @ < 1 mA

Total outputs

- **CMB8F** - 8 fuse protected outputs; 4 relay controlled & 4 uncontrolled
- **CMB8** - 8 Class 2, Power Limited outputs; 4 relay controlled & 4 uncontrolled

Output voltage

- 12 or 24 VDC , user selectable depending on input power source

Output current

- **CMB8F** - 3 A per output, fuse protected with automotive blade fuses
- **CMB8** - 1.6 A per output, PTC protected

Temperature ratings

- Ambient temperature range: 0°C to 49°C
- Ambient humidity : 93% @ 32°C, indoor, dry

Visual indicators

- Buss 1 voltage present: Green LED
- Buss 2 voltage present: Green LED
- FAI activated: Red LED
- Outputs 1 - 4 voltage present: Green LED per output

Mechanical specifications

- 4.8" L x 2.5" W x 1" H

ORDER NUMBER	MODEL NUMBER	DESCRIPTION
10070	CMB8F	4 relay controlled and 4 uncontrolled fuse protected, individually selectable outputs for access control system applications
10069	CMB8	4 relay controlled and 4 uncontrolled class 2, power limited individually selectable outputs for access control system applications