



DOOR CONTROL MODULES

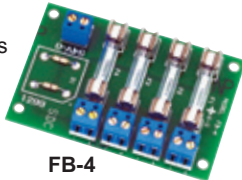
DOOR CONTROL

Door control relay modules ensure compatibility of access hardware components and simplify system installation and troubleshooting. Different modules may be specified for one power supply.

The isolated relay design allows small gauge cable runs of 22 gauge wire up to 1000 feet from the trigger device to the module.

MULTIPLE FUSED OUTPUT

FB-4 Four 2 Amp fuse protected outputs allow for precisely calculated circuit protection. Four modules provide 16 outputs.



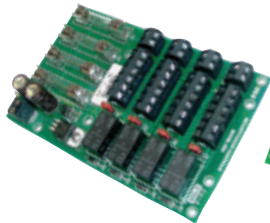
FB-4



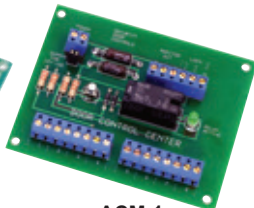
TD



CR



CR4



ACM-1



LR



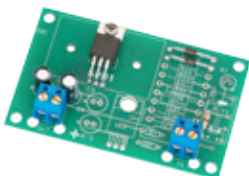
PB-8



PB-16



14-2



12VR



PSM

Contacts: 2.5 Amps inductive, 5 Amps resistive @ 30VDC unless specified otherwise.

TD Time Delay Relay Module

Voltage input: 35mA @12/24VDC
Timer Adj: 1-120 seconds
(1) Non-Fused, SPDT dry contact
(1) Fused SPDT voltage output
(1) N.O. dry trigger input
(1) N.C. dry trigger input
(1) Normally off voltage trigger input
(1) Anti-Tailgate N.O. timer reset input
3.25"W x 2"H (83 x 51mm)

CR-12, CR-24 Relay Module

Voltage input: 35mA, specify 12V or 24VDC
(1) Fused, SPDT voltage output
(1) SPDT dry contact
(1) N.O. dry trigger input
(1) Normally off, voltage trigger input
3.25"L x 2"W (83 x 51mm)

CR4 Four Station Relay Module

Voltage input: 120 mA @ 12/24VDC
(4) Fused, 2A SPDT dry outputs or voltage outputs
(4) 2A SPDT dry outputs
(4) N.O. dry trigger inputs
6"L x 3"W (152 x 76mm)

ACM-1 Access Control Module

Voltage input: 45mA @ 12/24VDC
(1) SPDT voltage output
(1) SPDT dry contact
(8) SPDT trigger inputs (4-NC,4-NO)
(1) LED status indicator
4.25"L x 3.25"W (127 x 83mm)

LR-12, LR-24 Latching Relay Module

Voltage input: 45mA, specify 12V or 24VDC
(1) Fused, SPDT voltage output
(1) N.O. dry trigger input
3.25"L x 2"W (83 x 51mm)

PB-8 8 Amp Power Booster

Voltage input: 85mA @ 24VDC input
(1) N.O. Dry trigger Input:
(1) Fused SPDT voltage output
8 Amp Surge
1 Amp Continuous
3.25"W x 2"H (83 x 51mm)

PB-16 16 Amp Power Booster

Voltage input: 85mA @ 24VDC input
(1) N.O. Dry trigger Input:
(1) Fused SPDT voltage output
16 Amp Surge
1 Amp Continuous
3.25"W x 2"H (83 x 51mm)

14-212 14-224 Seven Day Timer

Field programmable, 7 day timer module recommended for automatic timed locking and unlocking of one door or all doors on the same circuit. Schedule up 6 events maximum on single or multiple days, manual on-off override. Replaceable lithium battery maintains time and schedule during power outage.
Input: 30mA, specify 12V or 24V AC/DC
SPDT dry contact, 16 Amps @ 30VDC
2.375"H x 2.375"W x 1.25"D (60.3 x 60.3 x 32mm)

DUAL 12VDC Outputs (Optionals)

12VR Voltage Regulator

12VDC regulated and filtered output provides with the power supply output set at 24VDC for locking devices and components, the addition of the 12VR provides a separate 12VDC, 500 mA output for 12VDC access controls and components. The total combined 12V/24V load may not exceed the maximum power supply output rating. Add up to four 12VR modules max.

Input: 24VDC
Output: 500 mA @ 12VDC

Remote Monitoring

PSM Power Supply Remote Monitoring Module

The PSM Power Supply Monitoring module provides 2-SPDT, 1 Amp contacts to remotely monitor power supply and battery status.

Remote annunciation conditions include:

- System OK
- AC Fail – No DC Output
- Battery Powered
- System Off – No Battery