

DAC8 / DAC8R

Direct Access Controller

BASE

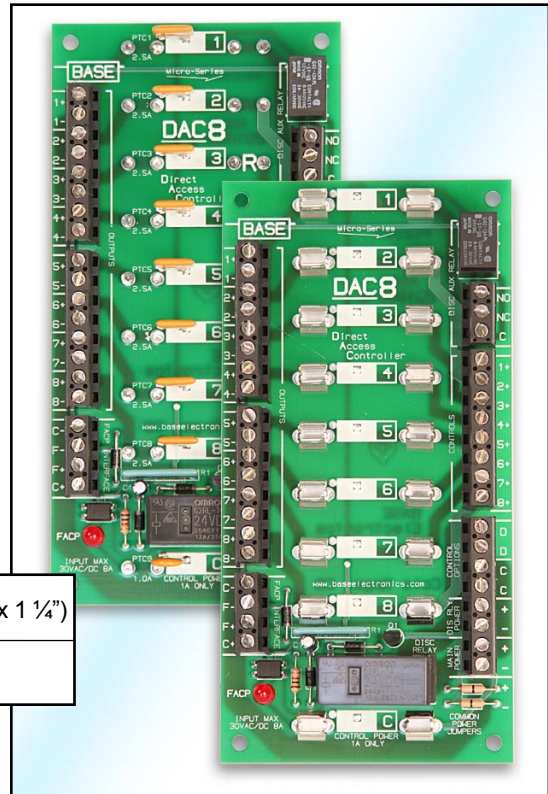
for SECURITY • ACCESS CONTROL systems

Micro-Series



UL 294 Access Control Subassembly

- ▶ **Distributes Door Lock Power to 8 Fused or PTC Protected Outputs**
- ▶ **Outputs Directly controlled by an Access Control System (no relay isolation)**
- ▶ **Fail-Safe or Fail-Secure Selectable per Output**
- ▶ **Low Power FACP Interface for Emergency Fail-Safe Power Disconnect**
- ▶ **Low cost and replaceable Disconnect Relay with Aux contact for alarm monitoring**
- ▶ **Small Footprint PCB - 3.0" w x 6.0" h**
- ▶ **Includes Mounting Hardware**



DAC8	Includes (8) 2.0 A replaceable fuses, standard 3AG (1/4" x 1 1/4")
DAC8R	Includes (8) 2.5 A PTC auto-resettable fuses

The DAC8 / DAC8R distributes power from a low voltage power source to 8 fused door lock outputs.

The DAC8 includes standard replaceable 2.0 Amp 3AG-type fuses (1/4" x 1 1/4"). The DAC8R uses 2.5 Amp PTC auto-resettable fuses. Terminals are provided for fail-safe or fail-secure control of each output directly by an Access Control System. Each module includes a low-power FACP Interface and low-cost, replaceable Lock Power Disconnect relay for Emergency Power Disconnect. A Red LED indicator is provided for easy visual identification of an energized relay. Aux contact terminals are provided for monitoring of the disconnect feature.

The Micro-Series modules have been designed to put powerful features in a small footprint. The module circuit board is only 3.00" x 6.00". Nylon standoffs are included for mounting the board. Heavy-duty wire clamp terminals allow for 14-22 AWG wiring.

Installs fast. All instructions, wiring diagrams, and mounting hardware is included. Improves power reliability while making system maintenance easier.

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DAC8 / DAC8R Specifications

- Indoor Temperature Range: 0° C. to +49°C.
- Electrical
 - Maximum Main Power Input Voltage AC/DC: 30V
 - Maximum Total Output Current: 8A
 - Maximum Recommended Current per Output: 2.5A
 - Disconnect Relay Power Input: 12 or 24VDC (-10%, +30%)
 - Disconnect Relay Power Input Fuse: 1A fuse or PTC
 - FACP Interface Maximum Current Draw: 10 mA
 - Maximum Current Draw of Disconnect Relay Power Input: 70 mA

Connections: Captive Screw Terminals for 14-22AWG Wire
 PTC Outputs: 2.5A PTC Resettable Devices included (DAC8R)
 Fuse Outputs: 2.0A 3AG-type Fuses included (DAC8)

- Other Features
 - Fail-Safe or Fail-Secure selectable per output
 - Outputs and Relay Control power can be common or separately powered
 - Red LED indicator for Disconnect Relay status
 - Disconnect Aux Relay terminals for alarm monitoring

Size: 3.00 (76.20) wide by 6.00 (152.40) [inches (mm)]

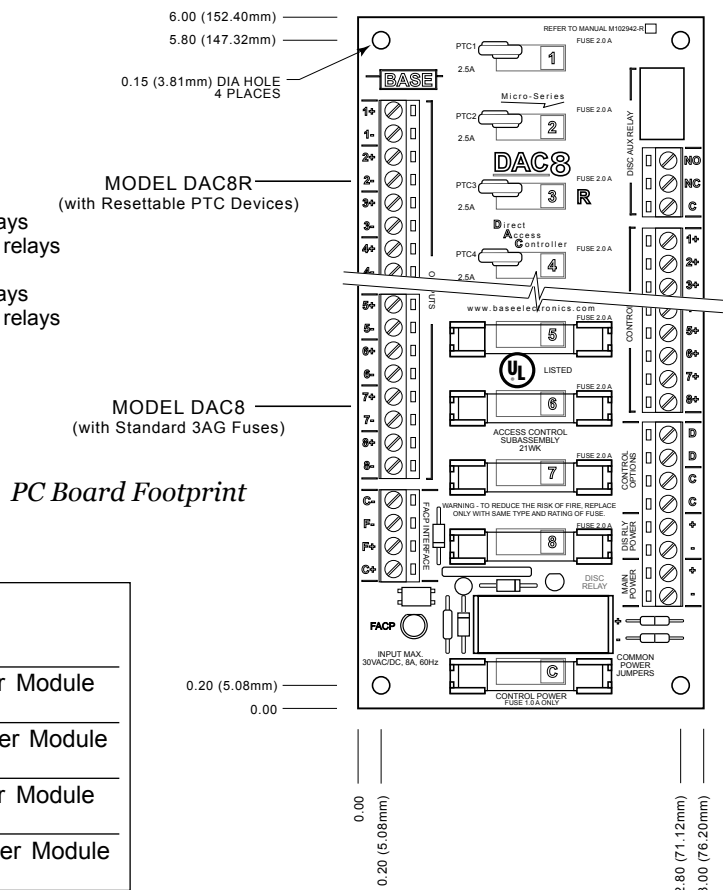
Mounting: (4) 1/4 inch high nylon standoffs included

- Models (Use these part numbers when ordering)
 - for 12VDC Disconnect Relay Power Input**
 - DAC8-12 Includes 8 replaceable 2.0A fuses, 12VDC relays
 - DAC8R-12 Includes 8 PTC resettable 2.5A fuses, 12VDC relays
 - for 24VDC Disconnect Relay Power Input**
 - DAC8-24 Includes 8 replaceable 2.0A fuses, 24VDC relays
 - DAC8R-24 Includes 8 PTC resettable 2.5A fuses, 24VDC relays

- Other related BASE products
 - PM8 / PM8R Power Distribution Module
 - MAC8 / MAC8R Multi Access Controller
 - LVPC Custom Prewired Power Cabinet Assemblies



NYLON MOUNTING STANDOFF
(4 INCLUDED WITH DAC8 / DAC8R)



Ordering Information

Part Number	Description
DAC8-12	DAC8 Direct Access Controller Module with 2.0A fuses, 12vdc relays
DAC8R-12	DAC8R Direct Access Controller Module with 2.5A PTCs, 12vdc relays
DAC8-24	DAC8 Direct Access Controller Module with 2.0A fuses, 24vdc relays
DAC8R-24	DAC8R Direct Access Controller Module with 2.5A PTCs, 24vdc relays

(Individual replacement fuses and relays available at BASE)

