

941

ADA Door Control Module



Integrates Door Opener with AES 900 Door Control System

The AES 941 Door Control Package is a single, flexible solution that integrates “ADA” automatic door openers into the AES 900 Door Control System. The package consists of one 941-M Control Module and one 941-R Door Controller Interface. The parts work in tandem to provide an easy-to-integrate and fast-to-install system.



- **The 941-M Door Control Module** is very similar to the widely used 940 Door Control Module. It fits the same footprint, allowing for backward and forward compatibility. The 941 provides identical switches, indicators and user operation so that retraining is minimized. The added functions are co-located on the control module and are simple to operate. The classic functions include control of the strike lock, magnetic lock, and emergency override. Additionally, depending on options selected, a guard can also operate the ADA automatic door pump remotely. The guard also can control day / night mode operation of the automatic door closer. Up to eight (8) AES 941-M modules may be mounted in one (1) AES 900 Rack. AES 900 Rack Location: Any EXCEPT the first (far left) position.

- **The 941-R Relay Module** interfaces with the door opener. The 941-R is located at or near the door for easy wiring. It also provides inputs for ADA door opener switches, and depending on the terminals used, provides full or limited control for egress / ingress. The 941-R includes it's own case to stay isolated from the door opener, providing a clear dividing line between security and facility functions



Key Benefits

- **Single solution for ADA doors**
- **Saves space at guard post - uses a single slot in the AES 900 Rack**
- **Day / Night mode selection enables / disables door opener**
- **Built-in safety disables the door opener when the door is locked**
- **Flexibility to adapt to site and security requirements.**
- **Relay module provides pump wiring, plus ingress and egress switch connection to save wiring time**
- **Relay interface includes 8x8 " electrical box for quick mounting.**
- **Multiple options for ingress, egress**
- **Multiple control locations may be installed**

AES Corporation

Call 1-800-237-6387

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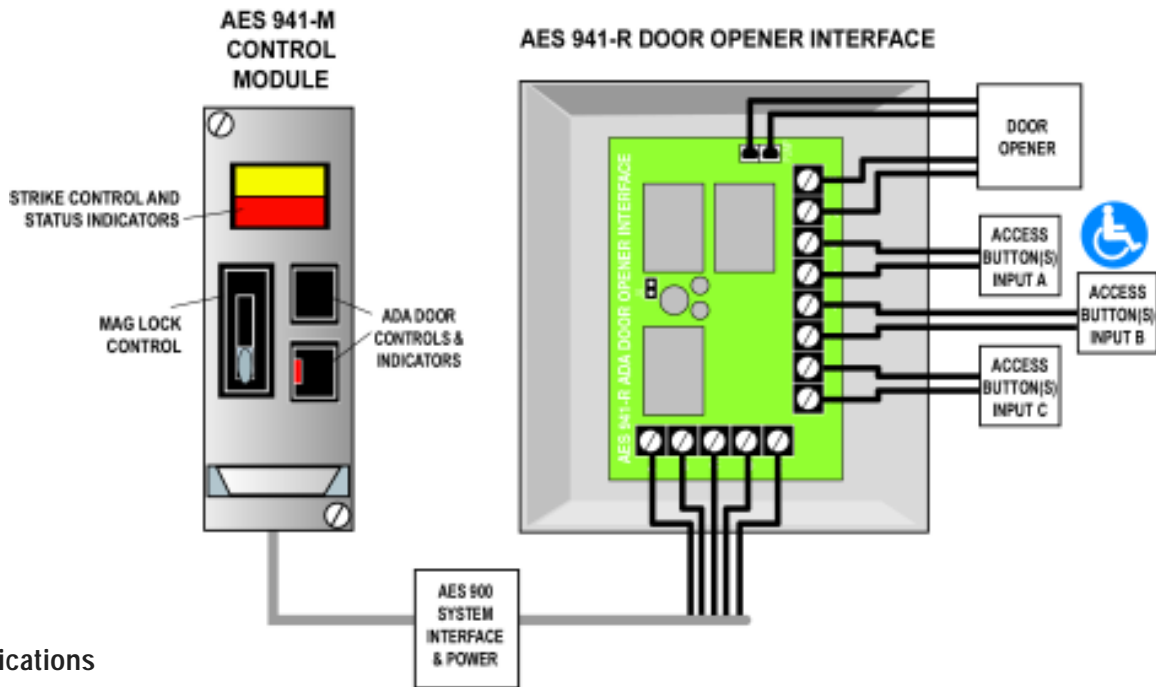
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Specifications

AES 941-M Door Control Module

Dimensions: 5.125" H x 1.75" W x 3.5" D (approx)

Mounting: Fits into standard slot of AES 900 Door Control Rack

Operative Voltage: 24VDC, use AES 726, 727 or 780 Supply Switches:

- Access Push Button Switch, releases strike, momentary
- Magnetic Lock Toggle Switch, 3 position
 - Up = Override Emergency Lock Down
 - Center = Locks Magnetic Lock, overrides ADA pump
 - Down = Releases Magnetic Lock
- ADA Access Push Button Switch: momentary
 - releases strike and triggers door opener
 - timer opens latch first, and holds latch while door opens
- ADA Day/Night Mode Switch: push-on, push-off
 - activates ADA Access Push Button

Indicators:

- Access Indicators (on Access Push Button)
 - Red Lamp: Emergency Lock Status, On = Lock Engaged
 - Yellow Lamp: Door Status, On = Door Open
- Day/Night Mode Indicators (On Opener Control Switch)
 - Red LED: On = Day Mode

Terminals: Molex Connector, plugs into mating 900 rack connector

AES 941-R Relay Interface:

Case Size, Type 8 x 8 x 4"D (approx), NEMA 1, with knockouts

Relay Card Size: Relay Card, 4.75"W x 3"D x 3"H (approx)

Power: 24VDC Control Voltage

Inputs/Outputs:

- Door Opener Pump Cut Out, Molex connector
 - Terminal Strip, 1 to 8
 - Trigger to Door Opener, terminals 7+8
 - ADA Door Ingress/Egress Wall Buttons, 3 Options provided:
 - Option A, Switch activates latch and door opener;
 - timer opens latch first, then triggers pump
 - Option B, Switch activates pump only
 - Option C, Switch activates pump only if latch is released by 941M
- Hold Timer Option, Jumper: enables latch hold for 2-3 seconds

Terminals:

- Barrier Blocks
- Molex Connector for 110/220VAC opener cut out

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Ordering:

AES 941-PKG - ADA Door Control Package, includes one 941-M and one 941-R

AES 941-M, ADA Door Control Module Only

AES 941-R, ADA Door Opener Interface Only

NOTE: For dual control installations, order (1)-#941-PKG and (1) #941-M