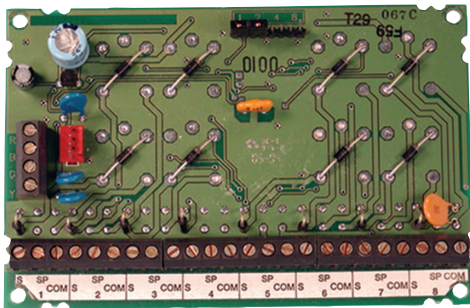


D7048 Octal driver module, 12V

www.boschsecurity.com



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Invented for life



- ▶ Compatible with the FPA-1000, FPD-7024, or D7024 FACP's
- ▶ Mounts inside the FACP enclosure, no separate enclosure needed
- ▶ The driver output is fully programmable
- ▶ Up to two modules are supported by the FACP

The D7048 Octal Driver Module provides eight open-collector transistor outputs (current sinks) to the FPA-1000, FPD-7024, or D7024 Fire Alarm Control Panels (FACP's) through the control panel's option bus. The outputs provide current sinks (each output shorts to common when activated.) Use the outputs to power such devices as relays, LEDs, or Sonalert devices. The outputs are programmable, and each operates individually from the other seven for complete flexibility. The outputs can also be activated by several system events.

Certifications and approvals

Region	Regulatory compliance/quality marks	
USA	UL	UL 864, Control Units and Accessories for Fire Alarm Systems
	FM	D7048\D7048B
	CSFM	see www.boschsecurity.com (the Bosch website)
	FDNY-CoA	6173
	FDNY-CoA	6101

Installation/configuration notes

Mounting

The module mounts to existing attachment points inside the FACP enclosure. Mounting hardware is packaged with the module. This is the preferred mounting. However, when space inside the FACP enclosure is tight, the module can be mounted up to 250 ft. (76 m) from the FACP on an MP-D203 Mounting Plate in an AE203R Enclosure.

Outputs

All devices connected to the module must be within 20 ft. (6.1 m) of the module.

Wiring

The modules connect to the FACP's four-wire option bus using 18 AWG (ISO 0.75 mm²) wire as a supervised Class B communication circuit. No more than 4000 ft. (1.2 km) of wire can be attached to the option bus terminals. For additional wiring information, see the *Installation and Operation Guide* for the appropriate panel.

Parts included

Quantity	Component
1	Octal driver module
1	Hardware pack - 2 mounting screws
1	Literature pack - Installation manual

Technical specifications**Environmental**

Environment:	Indoor, dry
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Mechanical

Board Dimensions (H x W x D):	5 in. x 3.3 in. x 0.8 in. (13 cm x 8.3 cm x 2.1 cm)
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Outputs

12 VDC Current Sink (per output):	50 mA maximum
12 VDC Current Sink (total):	240 mA maximum for all eight outputs combined

Power

Current Draw (input):	7 mA + 1 mA per energized output (use 5.25 mA + 1 mA per energized output for battery calculations)
Voltage (input):	12 VDC nominal from FACP option bus

Ordering information**D7048 Octal driver module, 12V**

Provides eight open-collector transistor outputs (current sinks) to FPA-1000, FPD-7024, or D7024 FACPs through the control panel's option bus.
Order number **D7048**

Accessories

AE203R Universal enclosure, 5.25x7.75x2.5", red
A red metal enclosure for the D9068 and other modules
Order number **AE203R**

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