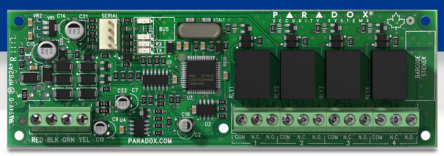
PARADOX™

Programmable Output Modules

PGM4
4-Output Expansion Module

PGM82
8-PGM Expansion Module

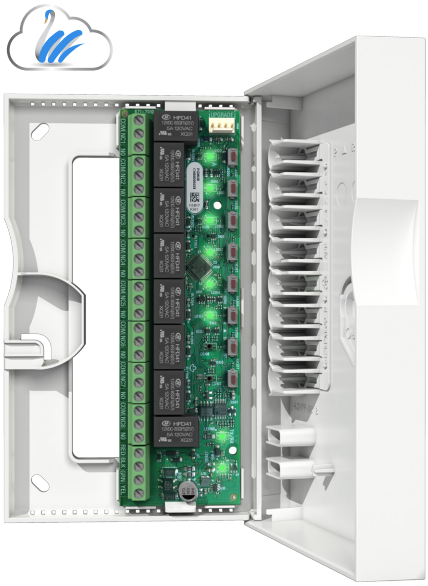


Description

The PGM82 / PGM4 Programmable Output Expansion Module includes eight / four programmable relay outputs. Compatible with all Paradox control panels. Outputs can be activated using the Insite GOLD mobile application, integrated manual switches or programmed to follow system events. Each output can drive 4A/24V loads.

The PGM82 includes a Status LED indication for each PGM as well as power and panel data exchange.

The PGM82 comes with its own ABS box that is easy to install. Integrated locking mechanism included; can be replaced with metal lock if desired.



Features

- Expansion of 8 programmable outputs
- PGM control via Insite GOLD application
- PGM control with manual on-box switches (PGM82)
- Can follow system events
- Display for each PGM, Data and Power
- Box cover lock mechanism (PGM82)
- Supports SP, MG, EVO and Swan
- Connects to control panel via 4-wire on keypad bus
- Firmware upgradeable

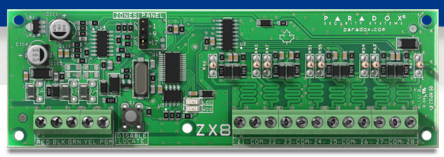
Specifications

	PGM82	PGM4
Input Voltage	**11 to 16 Vdc**	
Current Consumption	315 mA max (all PGMs activated)	150 mA max (all PGMs activated)
Number of outputs	8 Form ‘C’ relays	4 Form ‘C’ relays
Output	24V, 4A any load	
Maximum module current	15A total per module	12A total per module
Operating temperature	-20° C to +50° C (-4° F to 122° F)	
Humidity	95% maximum	
Dimensions (H x W x D)	Box: 16.5 cm x 10.2 cm x 2.5 cm (6.5 in x 4 in x 1 in)	PCB: 14 cm x 4.5 cm x 3 cm (5.5 in x 1.8 in x 1.2 in.)
Compatibility	EVO192, EVOHD, MG5000, MG5050, SP5500, SP6000, and SP7000 V6.80 and higher	All panels

Zone Expansion Modules

ZX8
8-Zone Expansion Module

ZX82
8-Zone Expansion Module



Description

The 8-Zone Expansion Module (ZX82 / ZX8) connects on the keypad bus of EVO, Spectra or MG panels. The (ZX82 / ZX8) provides up to eight additional hardwired zone inputs, as well as on-board anti-tamper switch. The ZX8 provides one 50 mA on-board PGM output.

The ZX82 provides visual indication for the zones (open, closed, tamper) as well as power and data exchange with the panel.

The ZX82 comes with its own ABS box that is easy to install, on-board tamper protected and integrated locking mechanism, that can be upgraded for metal key standard lock.

Features

- Expansion of 8 additional zones
- Supports SP, MG and EVO
- 4-wire bus connection
- Status LEDs for zones, power and bus data (ZX82)
- Enclosure with cover lock mechanism (ZX82)
- On-board and wall tampers (ZX82)
- Firmware upgradeable
- 1 PGM output, 50 mA PGM (ZX8)

Specifications

	ZX82	ZX8
Input Voltage	**9 to 16 Vdc**	**12 to 16 Vdc**
Current Consumption	95 mA max (all LED on)	28 mA max
Number of zones	8	
Operating temperature	-20° C to +50° C (-4° F to 122° F)	
Dimensions (H x W x D)	Box: 16.5 cm x 10.2 cm x 2.5 cm (6.5 in x 4 in x 1 in)	PCB: 14 cm x 4.5 cm x 1.8 cm (5.5 in x 1.8 in x 0.7 in)
Approvals	EN50131-3 Grade 3 Class II, CE	
Compatibility	All Paradox control panels	

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