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The ZX8SP 8-Zone Expansion Module V5.0 serves as an interface between the control panel and hardwired detection devices. It provides eight additional hardwired inputs and one 50 mA on-board PGM output. Please note that the ZX8SP does not support

ATZ or fire zone connections.

Specifications

- Input voltage: Typically 12 to 16 Vdc
- Current consumption: 28 mA
- Maximum number of ZX8SP: 3
- Number of outputs: 1
- Number of zones: 8
- Operation temperature: Not specified

Installation

1. Connect the ZX8SP to the control panel's combus.
2. Ensure proper power supply within the specified input voltage range.
3. Connect the hardwired detection devices to the ZX8SP input terminals according to the control panel's Programming Guide.

Jumper Settings

To change jumper settings, press the Disable Locate button located on the module. Use the provided guide to set jumpers based on your panel configuration.

Output Configuration

The on-board PGM output provides a maximum of 50 mA. If more current is needed, use a 12 Vdc relay.

Anti-Tamper Switch

Input terminal Z1 can be utilized as an anti-tamper switch input.

The 8-Zone Expansion Module (ZX8SP) is an interface between the control panel and any hardwired detection devices. The ZX8SP connects to the control panel's combus to provide eight additional hardwired inputs and one 50 mA on-board PGM output. The ZX8SP does not support ATZ or fire zone connections.

Compatibility

- All Spectra SP Series Control Panels
- MG5000 / MG5050 Control Panels

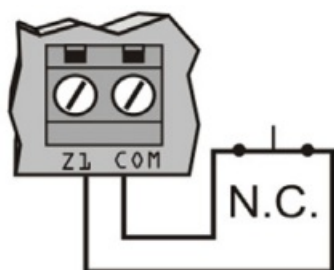
Specifications

Input voltage	Typically 12 to 16 Vdc
Current consumption	28 mA
Maximum number of ZX8SP	Maximum 3
Number of outputs	One 50 mA PGM
Number of zones	8 standard zone inputs
Operation temperature	-20°C to 50°C (-4°F to 122°F) UL tested to 0°C to 49°C (32°F to 120°F)

Anti-Tamper Switch

Input terminal Z1 can be used as an anti-tamper switch input.SP Series / MG5000 / MG5050

Enable section [706] option [4] for panel+1,option [5] for panel+9 and option [6] for panel+17.



Jumper Settings

Jumper Settings / Réglage du cavalier / Configuración de puentes

To change jumper setting, press the "Disable Locate" button located on your module.

Appuyer sur "Disable Locate" pendant 3 secondes pour changer le réglage du cavalier.

Pulsar "Disable Locate" por 3 segundos para cambiar configuración de puentes.

SP5500 (5 on-board zones) (5 zones intégrées) (5 zonas en placa)	Jumpers / Cavaliers / Puentes	No ATZ / Sans ATZ / Sin ATZ	With ATZ / Avec ATZ / Con ATZ
	A/Panel + 1	6 - 13	11 - 18
	B/Panel + 9	14 - 21	19 - 26
	C/Panel + 17	22 - 29	27 - 32
SP6000 (8 on-board zones) (8 zones intégrées) (8 zonas en placa)	Jumpers / Cavaliers / Puentes	No ATZ / Sans ATZ / Sin ATZ	With ATZ / Avec ATZ / Con ATZ
	A/Panel + 1	9 - 16	17 - 24
	B/Panel + 9	17 - 24	25 - 32
	C/Panel + 17	25 - 32	-
SP7000 (16 on-board zones) (16 zones intégrées) (16 zonas en placa)	Jumpers / Cavaliers / Puentes	No ATZ / Sans ATZ / Sin ATZ	With ATZ / Avec ATZ / Con ATZ
	A/Panel + 1	17 - 24	-
	B/Panel + 9	25 - 32	-
	C/Panel + 17	-	-

Green "LOC" LED / DEL verte « LOC » / Luz LED verde "LOC"

Flashes to indicate a change in jumper setting.

Clignote rapidement pour indiquer un changement dans les réglages du cavalier.

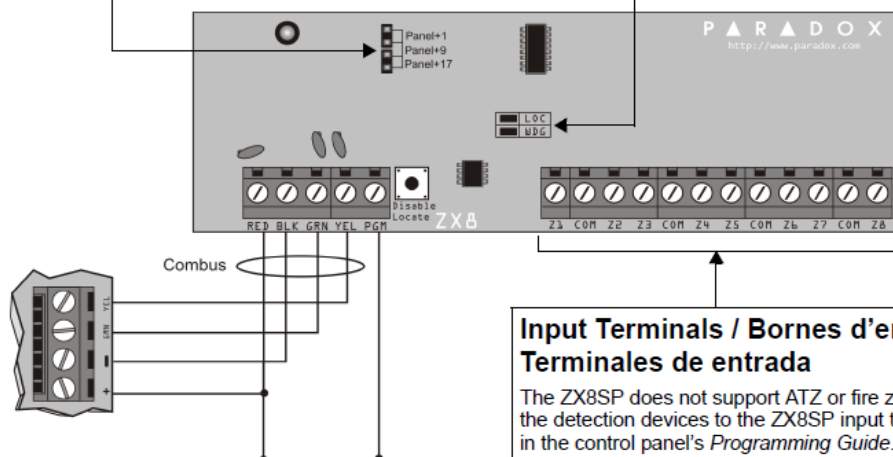
Parpadea rápidamente para indicar un cambio en la configuración del puente.

Red "WDG" LED / DEL rouge « WDG » / Luz LED roja "WDG"

Flashes to indicate proper operation. If both "LOC" and the "WDG" LED are flashing alternately, the module is experiencing a communication failure with the control panel.

Clignote rapidement pour indiquer un fonctionnement normal. Si les deux DEL « LOC » et « WDG » clignotent en alternance, le module connaît une défaillance de communication avec le panneau de contrôle.

Parpadea para indicar un funcionamiento correcto. Si las luces LED "LOC" y "WDG" parpadean alternadamente, ocurre un fallo de comunicación del módulo con la central.



Open Collector (Negative Trigger) 12 Vdc 50 mA
To drive more than 50 mA, use a 12 Vdc relay.

Collecteur ouvert (déclencheur négatif) 12 Vc.c. 50 mA
Pour alimenter à plus de 50 mA, utiliser un relais de 12 Vc.c.

Colector abierto (disparador o trigger negativo) 12 Vdc 50 mA
Para corrientes superiores a 50 mA usar un rele de 12 Vdc.

Input Terminals / Bornes d'entrées / Terminales de entrada

The ZX8SP does not support ATZ or fire zone connections. Connect the detection devices to the ZX8SP input terminals exactly as shown in the control panel's *Programming Guide*.

Le ZX8SP ne supporte pas l'ATZ ou les connexions de zone d'incendie. Raccorder les dispositifs de détection aux bornes d'entrée du ZX8SP tel qu'expliqué dans le *Guide de programmation* du panneau de contrôle approprié.

El ZX8SP no admite ATZ o conexiones de zonas de incendio. Conectar los dispositivos de detección a los terminales de entrada del ZX8SP tal como se muestra en la *Guía de programación* de la central respectiva.

Warranty

For complete warranty information on this product, please refer to the Limited Warranty Statement found on our website paradox.com/terms or contact your local distributor.

Specifications may change without prior notice.

Patents

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FAQ

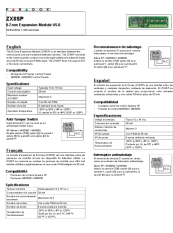
Q: Can the ZX8SP be used for fire zone connections?

A: No, the ZX8SP does not support fire zone connections.

Q: How many hardwired inputs does the ZX8SP provide?

A: The ZX8SP offers eight additional hardwired inputs.

Documents / Resources



[PARADOX ZX8SP 8 Zone Expansion Module \[pdf\] User Manual](#)

ZX8SP, ZX8SP 8 Zone Expansion Module, ZX8SP, 8 Zone Expansion Module, Zone Expansion Module, Expansion Module, Module

References

- [▲ Paradox - Headquarters](#)
- [▲ Paradox - Headquarters](#)
- [User Manual](#)

■Paradox◆8 Zone Expansion Module, Expansion Module, Module, Paradox, Zone Expansion Module, ZX8SP, ZX8SP 8 Zone Expansion Module

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