

Security Control Panel Assembly Mounted in a 20 in. x 30 in. Enclosure

Description

The 20 in. x 30 in. Security Control Panel is a pre-wired, preassembled standard control panel and enclosure that contains one S300-DIN-RDR8S (also called RDR8S) module, and , optionally, a CK721-A network controller. The control panel is shipped complete, mounted in a steel enclosure. The panel is equipped with a 120 VAC/24 VDC power supply mounted on the panel door. The power supply has Uninterruptible Power Supply (UPS) capability. Using the factory cables, the UPS function is activated by connecting batteries (S300-BAT). These enclosures are designed specifically for door access control for up to 8 doors, with battery brackets, a wiring trough for excess cables, a lift-off door, 5 A circuit breaker for controllers, channels for wiring routing, quick disconnects for power, a pre-wired door tamper switch, and a lockable door with key.

Features

- consistent layout for all standard control panel solutions — simplifies installation and commissioning
- space reserved for future component additions — allows easy upgrading to meet future expansion needs
- prebuilt, pre-wired panel, pretested in an ISO-9002 manufacturing facility — provides products of consistently high quality

Selection Chart

Product Code Number	Description
SPA1D10011G10	20 in. x 30 in. (50.8 cm x 76.2 cm) security control panel with a CK721-A controller, an RDR8S module, a 5 A circuit breaker, a 120 VAC outlet, and a power supply
SPA0D10011G10	20 in. x 30 in. (50.8 cm x 76.2 cm) security control panel with an RDR8S module, a 5 A circuit breaker, a 120 VAC outlet, and a power supply
SPA1D100-1G10	20 in. x 30 in. (50.8 cm x 76.2 cm) security control panel with a CK721-A controller, an RDR8S module, a 5 A circuit breaker, and a power supply
SPA0D100-1G10	20 in. x 30 in. (50.8 cm x 76.2 cm) security control panel with an RDR8S module, a 5 A circuit breaker, and a power supply

Technical Specifications

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Wire Size	Ground wire: 14 AWG; 24 VDC controller wires: 18 AWG
Electrical Rating	SPA1D10011G10: 120 VAC, 1.8 A, 50/60 Hz SPA0D10011G10: 120 VAC, 1.8 A, 50/60 Hz SPA1D100-1G10: 120 VAC, 1.8 A, 50/60 Hz SPA0D100-1G10: 120 VAC, 1.8 A, 50/60 Hz
Enclosure Rating	NEMA Type 1
Ambient Operating Condition	32 to 122°F (0 to 50°C), 10 to 85% RH, noncondensing
Dimensions (Width x Height x Depth)	20 in. x 30 in. x 7.5 in. (50.8 cm x 76.2 cm x 19.1 cm)
Ambient Storage Condition	-4 to 158°F (-20 to 70°C), 5 to 95% RH, noncondensing
Compliance	United States: UL Listed under UL 1076 for Proprietary Burglar Alarm Units and Systems, and under UL 294 for Access Control Systems Units; FCC compliant to the limits for a Class B digital device, pursuant to Part 15 of the FCC rules
	Canada: Class B digital apparatus, complies with Canadian ICES-003; cUL Listed for Signaling Appliance
	Europe: CE Mark — Johnson Controls, Inc., declares that this product is in compliance with the essential requirements and other relevant provisions of the EMC Directive 2004/108/EC and LVD 2006/95/EC.
	Australia and New Zealand: C-Tick Mark, Australia/NZ Emissions Compliant



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Repair Information

If the Security Control Panel Assembly fails to operate within its specifications, replace the failed component. For a replacement, contact the nearest Johnson Controls® representative.

Note: Refer to the *Security Enclosure Components Catalog Page (LIT-1900572)* to order components separately.

Components of the Security Control Panel Assembly

Quantity	Description
1	20 in. x 30 in. (50.8 cm x 76.2 cm) enclosure, Type 1 with keyed lock, 120 VAC outlet (optional), 5 A circuit breaker, door tamper switch, and battery support brackets
1	CK721-A network controller (optional) and one RDR8S eight-door interface module
1	S300-DIN-L-PS 24 VDC, 5 A power supply