

Security Control Panel Assembly Mounted in a 20 in. x 42 in. Enclosure

Description

The 20 in. x 42 in. Security Control Panel is a pre-wired, preassembled standard control panel and enclosure that contains two S300-DIN-RDR8S (also called RDR8S) modules, and , optionally, a CK721-A network controller. The control panel is shipped complete, mounted in a steel enclosure. The panel is equipped with the required number of 120 VAC/24 VDC power supplies, 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 16 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.



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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
SPA1D20012F10	20 in. x 42 in. (50.8 cm x 106.7 cm) security control panel with a CK721-A controller, two RDR8S modules, a 5 A circuit breaker, a 120 VAC outlet, and two power supplies
SPA0D20012F10	20 in. x 42 in. (50.8 cm x 106.7 cm) security control panel with two RDR8S modules, a 5 A circuit breaker, a 120 VAC outlet, and two power supplies
SPA1D200-2F10	20 in. x 42 in. (50.8 cm x 106.7 cm) security control panel with a CK721-A controller, two RDR8S modules, a 5 A circuit breaker, and two power supplies
SPA0D200-2F10	20 in. x 42 in. (50.8 cm x 106.7 cm) security control panel with two RDR8S modules, a 5 A circuit breaker, and two power supplies

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 42 in. (50.8 cm x 106.7 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 two RDR8S eight-door interface modules
2	S300-DIN-L-PS 24 VDC, 5 A power supplies

Technical Specifications

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Wire Size	Ground wire: 14 AWG; 24 VDC controller wires: 18 AWG
Electrical Rating	SPA1D20012F10: 120 VAC, 3.6 A, 50/60 Hz SPA0D20012F10: 120 VAC, 3.6 A, 50/60 Hz SPA1D200-2F10: 120 VAC, 3.6 A, 50/60 Hz SPA0D200-2F10: 120 VAC, 3.6 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)	30 in. x 42 in. x 7.5 in. (76.2 cm x 107 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

