

Security Control Panel Assembly Mounted in a 30 in. x 42 in. Enclosure

Description

The 30 in. x 42 in. Security Control Panel is a pre-wired, preassembled standard control panel and enclosure that contains a CK721-A network controller and/or S300-DIN-RDR2SA (also called RDR2S-A) modules. Such a pre-designed solution saves both time and money. Various models are available to accommodate a variety of common applications.

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. The power supply has Uninterruptible Power Supply (UPS) capability with the addition of factory-wired gel cell batteries (S300-BAT), which are sold separately. These enclosures are designed specifically for security control requirements, with battery brackets that do not need to be removed to install the batteries, a lift-off door, a pre-wired door tamper switch, and a lockable door with key. Space is reserved on specific models for the addition of future components.

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
SPA1B400-2E10	30 in. x 42 in. (76.2 cm x 10.7 cm) security control panel with CK721-A controller, four RDR2S-A modules, and two power supplies
SPA1B600-3E10	30 in. x 42 in. (76.2 cm x 10.7 cm) security control panel with CK721-A controller, six RDR2S-A modules, and three power supplies
SPA1B800-3E10	30 in. x 42 in. (76.2 cm x 10.7 cm) security control panel with CK721-A controller, eight RDR2S-A modules, and three power supplies



Security Control Panel Assembly Mounted in a 30 in. x 42 in. Enclosure

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	30 in. x 42 in. (76.2 cm x 10.7 cm) enclosure, Type 1 with keyed lock, door tamper switch, and battery support brackets
1	CK721-A network controller and up to eight RDR2S-A two-door interface modules
2 or 3	S300-DIN-L-PS 24 VDC, 5 A power supplies

Technical Specifications

Security Control Panel Assembly Mounted in a 30 in. x 42 in. Enclosure	
Wire Size	Ground wire: 14 AWG; 24 VDC controller wires: 18 AWG
Electrical Rating	SPA1B400-2E10: 120-240 VAC, 220W, 50/60 Hz for each power supply, two total SPA1B600-3E10: 120 VAC, 5.4 A, 50/60 Hz SPA1B800-3E10: 120 VAC, 5.4 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 6.62 in. (76.2 cm x 107 cm x 16.8 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 when operated at 120 VAC, 3.6 A, 50/60 Hz or 120 VAC, 5.4 A, 50/60 Hz; FCC compliant to the limits for a Class B digital device, pursuant to Part 15 of the FCC rules
	Canada: cUL under ULC/ORD-C1076 Proprietary Burglar Alarm Units and System when operated at 120 VAC, 3.6 A, 50/60 Hz or 120 VAC, 5.4 A, 50/60 Hz; Class B digital apparatus, complies with Canadian ICES-003
	Europe: CE Mark – Johnson Controls, Inc., declares that this product is in compliance with the EMC Directive and LVD. (SPA1B400-2E10 only)