



Pre-engineered automation control panel designed for commercial building applications. Features UL508A listed enclosure with integrated DIN rail mounting, DC power supply, and terminal blocks for simplified field wiring. Ideal for lighting control, HVAC integration, and building automation systems.

### KEY FEATURES

- ✓ UL508A listed industrial control panel
- ✓ 16 gauge galvanized steel enclosure
- ✓ ANSI 61 gray powder coat finish
- ✓ Pre-wired DIN rail mounted components
- ✓ Integrated 24VDC power supply
- ✓ Circuit breaker protection
- ✓ Numbered terminal blocks for field wiring
- ✓ Hinged door with quarter-turn latches
- ✓ Knockout panels for conduit entry
- ✓ Optional Pharos LPC controller integration

### SPECIFICATIONS

<b>Enclosure Material</b>	16 gauge galvanized steel	<b>Circuit Breaker</b>	2A, 120/277VAC rated
<b>Finish</b>	ANSI 61 gray powder coat	<b>Terminal Blocks</b>	Numbered, 14-22 AWG
<b>Enclosure Rating</b>	NEMA 1 (indoor)	<b>DIN Rail</b>	35mm standard (EN 60715)
<b>Door Style</b>	Hinged with quarter-turn latches	<b>Operating Temperature</b>	0°C to 50°C (32°F to 122°F)
<b>DC Power Supply</b>	24VDC, 2.5A (60W)	<b>Humidity</b>	5% to 95% non-condensing
<b>Input Voltage</b>	120VAC or 277VAC		

### ELECTRICAL SPECIFICATIONS

<b>Input Power</b>	120VAC or 277VAC, 50/60Hz
<b>DC Output</b>	24VDC, 2.5A regulated
<b>Max Load Current</b>	2.5A at 24VDC
<b>Protection</b>	Over-voltage, over-current, short circuit
<b>Isolation</b>	Input to output isolation

## DIMENSIONS

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Width:	12 in (305mm)
Height:	14 in (356mm)
Depth:	6 in (152mm)
Weight:	15 lbs (6.8 kg)

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## MOUNTING

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Surface mount to wall or backboard using keyhole slots. Maintain minimum 6 inch clearance on all sides for ventilation and service access. Install in dry indoor location only (NEMA 1 rated).

## ORDERING INFORMATION

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Part Number	Description
<b>NX-ACP-120</b>	Automation Control Panel, 120VAC input
<b>NX-ACP-277</b>	Automation Control Panel, 277VAC input
<b>NX-ACP-LPC</b>	Control Panel with Pharos LPC controller
<b>NX-ACP-CUSTOM</b>	Custom configuration (contact factory)

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UL508A

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