

# FX Supervisory Controller Control Panel Assembly Catalog Page

FX Supervisory Controllers

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The FX Supervisory Controller Control Panel Assembly features a pre-wired, pre-assembled, and pretested standard control panel solution that can accommodate an FX30E, FX60E, and FX70N controller. Such a turnkey solution helps building system integrators achieve installation efficiency and adherence to technical safety standards for building system installations in North America and Canada.

The control panel assembly is available in three NEMA Type 1 rated steel enclosure sizes: 10 x 13 in., 12 x 16 in., and 12 x 36 in. These small footprint enclosures are optimal to wall mount in space constrained locations.

In addition to the FX supervisory controller, the assembly also contains an LP-FXPM24-0 24 VAC power supply, 5 A circuit breaker, and terminal block. Select models accompany the LP-FXNDIO16-0 input/output module to accommodate your system integration needs.

The control panel allows for direct wire termination to the controller, making installation, commissioning, and servicing quicker and easier.

## Features

- Consistent layout for all standard control panel solutions simplifies installation and commissioning
- Prebuilt, pre-wired, and pretested in an ISO-9002 manufacturing facility, which provides products of consistently high quality
- UL 50 rated, Canadian Standards Association (CSA) approved enclosure meets local and national code requirements for the United States and Canada (cULus listed)

If the FX Supervisory Control panel assembly fails to operate within its specifications, replace the failed component. For a replacement assembly, contact the nearest Johnson Controls® representative.

Figure 1: FX Supervisory Control Panel - FX30E



Figure 2: FX Supervisory Control Panel - FX70



## FX Supervisory Controller Control Panel Selection Charts

Table 1: FX30E Controller Control Panel Assembly

Code Number	Description
PATJ00007HC0	LP-FX3011E-1 Supervisory Controller mounted in a 10 x 13 x 4 in. NEMA Type 1 rated steel enclosure with LP-FXPM24-0 power module, 75 VA transformer, and terminal blocks
PATJ00007GC0	LP-FX3011E-1 Supervisory Controller mounted in a 12 x 16 x 6.5 in. NEMA Type 1 rated steel enclosure with LP-FXPM24-0 power module, 75 VA transformer, and 5-port Ethernet switch
PATL00001JC0	LP-FX3011E-1 Supervisory Controller mounted in a 12 x 36 x 6.5 in. NEMA Type 1 rated steel enclosure and LP-FXNDIO16-0 with LP-FXPM24-0 power module, 96 VA power supply, and 5-port Ethernet switch
PATN00007HC0	LP-FX3021E-1 Supervisory Controller mounted in a 10 x 13 x 4 in. NEMA Type 1 rated steel enclosure with LP-FXPM24-0 power module, 75 VA transformer, and terminal blocks
PATN00007GC0	LP-FX3021E-1 Supervisory Controller mounted in a 12 x 16 x 6.5 in. NEMA Type 1 rated steel enclosure with LP-FXPM24-0 power module, 75 VA transformer, and 5-port Ethernet switch
PATR00001JC0	LP-FX3021E-1 Supervisory Controller mounted in a 12 x 36 x 6.5 in. NEMA Type 1 rated steel enclosure and LP-FXNDIO16-0 with LP-FXPM24-0 power module, 96 VA power supply, and 5-port Ethernet switch

**Table 2: FX60E Controller Control Panel Assembly**

Code Number	Description
PATK00007HC0	LP-FX6011E-1 Supervisory Controller mounted in a 10 x 13 x 4 in. NEMA Type 1 rated steel enclosure with LP-FXPM24-0 power module, 75 VA transformer, and terminal blocks
PATK00007GC0	LP-FX6011E-1 Supervisory Controller mounted in a 12 x 16 x 6.5 in. NEMA Type 1 rated steel enclosure with LP-FXPM24-0 power module, 75 VA transformer, and 5-port Ethernet switch
PATM00001JC0	LP-FX6011E-1 Supervisory Controller mounted in a 12 x 36 x 6.5 in. NEMA Type 1 rated steel enclosure and LP- FXNDIO16-0 with LP-FXPM24-0 power module, 96 VA power supply, and 5-port Ethernet switch
PATP00007HC0	LP-FX6021E-1 Supervisory Controller mounted in a 10 x 13 x 4 in. NEMA Type 1 rated steel enclosure with LP-FXPM24-0 power module, 75 VA transformer, and terminal blocks
PATP00007GC0	LP-FX6021E-1 Supervisory Controller mounted in a 12 x 16 x 6.5 in. NEMA Type 1 rated steel enclosure with LP-FXPM24-0 power module, 75 VA transformer, and 5-port Ethernet switch
PATS00001JC0	LP-FX6021E-1 Supervisory Controller mounted in a 12 x 36 x 6.5 in. NEMA Type 1 rated steel enclosure and LP- FXNDIO16-0 with LP-FXPM24-0 power module, 96 VA power supply, and 5-port Ethernet switch

**Table 3: FX70 Controller Control Panel Assembly**

Code Number	Description
PATT00006JC0	LP-FX7011N-1 Supervisory Controller mounted in a 12 in. x 36 in. x 6.5 in. NEMA type1 rated steel enclosure with 120 VAC, 15 V DC power supply, terminal block with 5A circuit breaker, duplex outlet, and 5 port Ethernet switch.
PATU00006JC0	LP-FX7021N-1 Supervisory Controller mounted in a 12 in. x 36 in. x 6.5 in. NEMA type1 rated steel enclosure with 120 VAC, 15 V DC power supply, terminal block with 5A circuit breaker, duplex outlet, and 5 port Ethernet switch.
PATT00006FC0	LP-FX7011N-1 Supervisory Controller mounted in a 16 in. x 20 in. x 6.5 in. NEMA type1 rated steel enclosure with 120 VAC, 15 V DC power supply, terminal block with 5A circuit breaker, duplex outlet, and 5 port Ethernet switch
PATU00006FC0	LP-FX7021N-1 Supervisory Controller mounted in a 16 in. x 20 in. x 6.5 in. NEMA type1 rated steel enclosure with 120 VAC, 15 V DC power supply, terminal block with 5A circuit breaker, duplex outlet, and 5 port Ethernet switch

**FX Supervisory Controller Control Panel Technical Specifications****Table 4: FX Supervisory Controller Control Panel Assembly**

Terminals	5/32 in. (4 mm) wire slots (if applicable)
Wire Size	Ground wire: 14 AWG; 24 VAC Controller wires: 18 AWG
Enclosure Rating	NEMA Type 1
Enclosure Finish	ANSI 61 gray polyester powder coating (perforated panel and enclosure)
Ambient Operating Condition	32 to 122°F (0 to 50°C) 10 to 90% RH
Weight	12 lb (5.44 kg) 21 lb (9.5 kg) 36 lb (16.3 kg)
Ambient Storage Condition	-40 to 158°F (-40 to 70°C) 5 to 95% RH
Agency	Enclosure UL 50 Rated, CSA Approved



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