

XR75CX

Case Control Assembly

Overview

The XR75CX Case Control Assembly (P/N 850-3520) provides control of the compressor, fan, and defrost management. Defrost termination, fan, supply voltage, condenser temperature, and ambient case temperature relays are all pre-wired to the terminal strip.

The XR75CX Controller (P/N 318-6030) can be configured using special parameters that can be programmed through the Hot Key programming keyboard (P/N 318-7504).

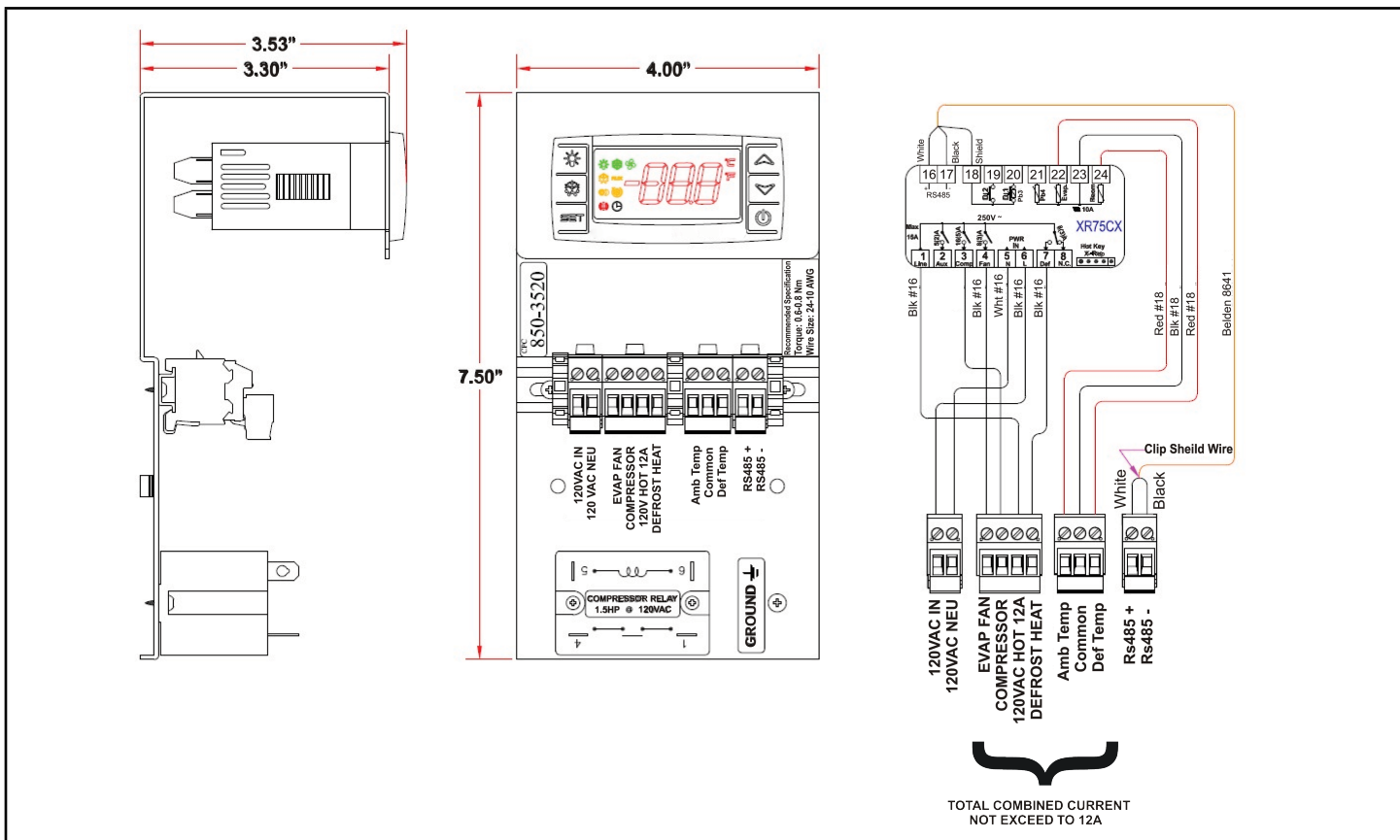


Figure 1 - XR75CX Layout

Programming the XR75CX

The Hot Key port allows you to upload pre-programmed setpoints into the XR75CX controller and download setpoints from the XR75CX controller.

The Hot Key port on the XR75CX unit can be accessed through the window on the back of the assembly bracket.

Consult the XR75CX manual (P/N 026-1210) for detailed XR75CX setup information.

Specifications

Table 1: XR75CX Technical Data

Assembly	Case: Front: 4.00" x 7.50" Depth: 3.53"
Connections	Screw terminal block wire sizes: 24 - 10 AWG; Torque 0.5 - 0.6 Nm
Power Supply	110VAC ± 10%, 50/60Hz
Power Absorption	3VA max
Display	3 digits, red LED, 14.2 mm high
Inputs	One (1) Ambient and One (1) Defrost Temperature Probe
Relay Outputs UL Ratings (Combined outputs not to exceed 12 Amps)	Evaporator Fan: 120/240V, 50/60 Hz, 1/4 HP, 30k cycles 125V, 50/60 Hz, 1/3 HP, 6k cycles 250V, 50/60 Hz, 1/2 HP, 30k cycles
	Compressor: 120V, 50/60 Hz, 1/4 HP, 30k cycles 240V, 50/60 Hz, 1/2 HP, 30k cycles Compressor Using External Relay: 120V/240V, 50/60 Hz, 1.5 HP, 30k cycles
	Defrost N.O.: 120/240V, 50/60 Hz, 10 A, Resistive, 30k cycles 120/240V, 50/60 Hz, C300, Pilot Duty, 30k cycles
Data Storing	On the non-volatile memory (EEPROM)
Internal Clock Back-up	24 hours
Temperatures	Operating: 32°F to 131°F (0°C to 55°C)
	Storage: -22°F to 185°F (-30°C to 85°C)

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For Technical Support call 833-409-7505 or email ColdChain.TechnicalServices@Copeland.com