CRESTRON

Description

The Crestron® DIN-TSTATIM-FCU-120 and DIN-TSTATIM-FCU-277 High Voltage Thermostat Interfaces allow connection of Crestron thermostats to 120 volt or 277 volt systems. The interfaces transform the high voltages downward to work with our CHV-TSTAT-FCU, CHV-TSTAT-FCU-HOTEL, and CHV-TSTATEX-FCU model thermostats (sold separately).

The DIN-TSTATIM-FCU-120 and DIN-TSTATIM-FCU-277 are functionally identical. For simplicity within this guide, the term "DIN-TSTATIM-FCU" is used except where noted.

MODEL	INPUT VOLTAGE (SUPPLY)	OUTPUT VOLTAGE	LOAD TYPE AND RATINGS	TERMINAL
DIN-TSTATIM-FCU-120	120 VAC, 60 Hz	120 VAC, 60 Hz	Switched: 5 A, Inductive 1/4 HP, Motor	GH, GM, GL
			Switched: 3.0 A Pilot Duty	Y, W
		24 VAC, Class 2	Unswitched: 100 mA	24C, 24R
DIN-TSTATIM-FCU-277	277 VAC, 60 Hz	277 VAC, 60 Hz	Switched: 5 A, Inductive 1/4 HP, Motor	GH, GM, GL
			Switched: 1.5 A Pilot Duty	Y, W
		24 VAC, Class 2	Unswitched: 100 mA	24C, 24R

Additional Resources

Visit the product page on the Crestron website (www.crestron.com) for additional information and the latest firmware updates. Use a QR reader application on your mobile device to scan the QR image.

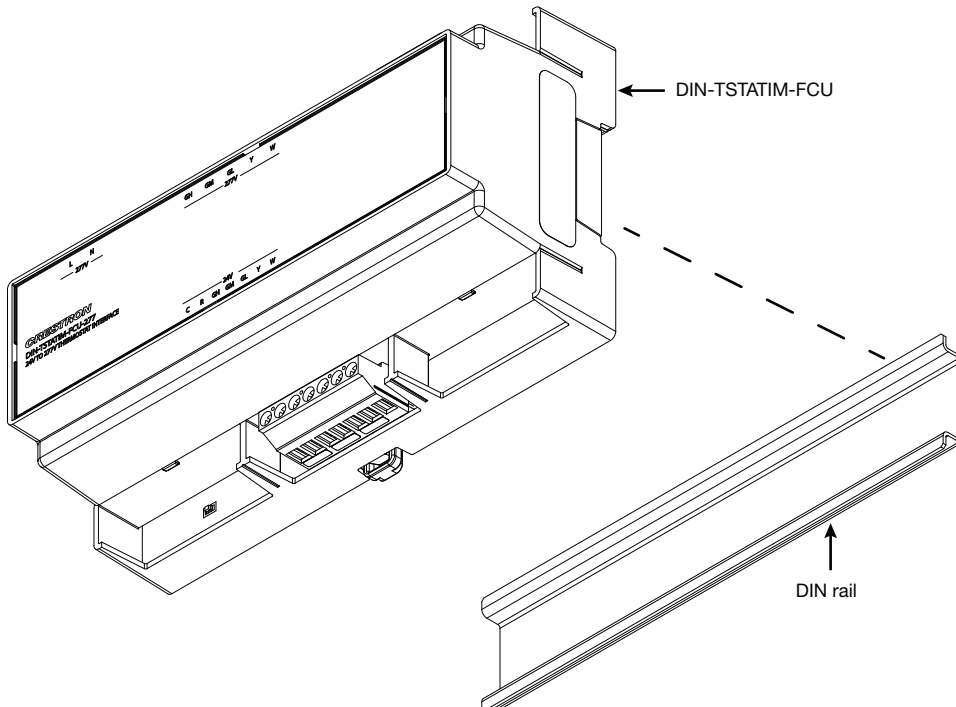DIN-TSTATIM-FCU-120   DIN-TSTATIM-FCU-277

Installation

WARNING: To avoid fire, shock, or death, turn off the power at the circuit breaker or fuse and test that the power is off before wiring!

NOTES: Observe the following points:

- Install and use this product in accordance with appropriate electrical codes and regulations.
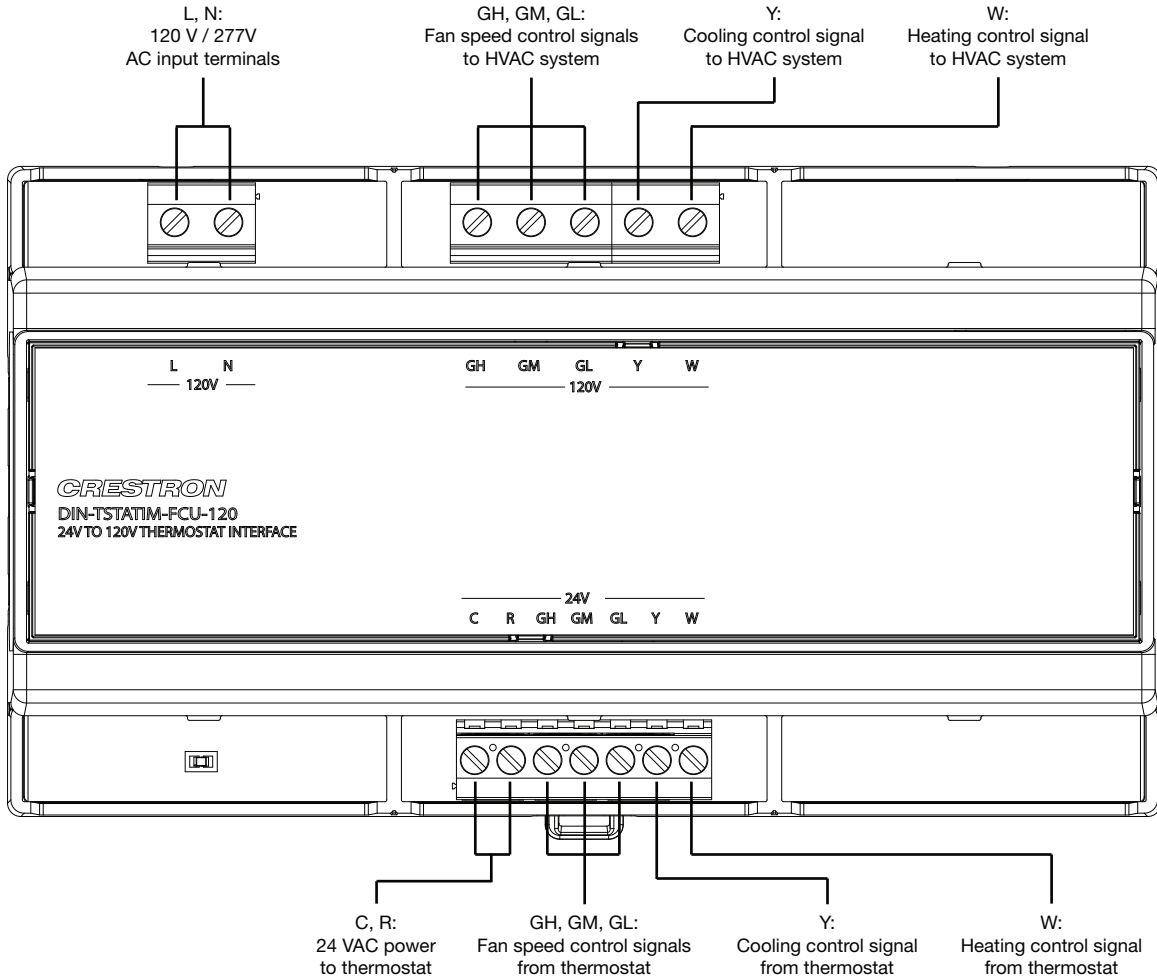- A licensed electrician should install this product.

NOTE: Before using the DIN-TSTATIM-FCU, ensure the device is using the latest firmware. Check for the latest firmware for the DIN-TSTATIM-FCU at www.crestron.com/firmware. Load the firmware onto the device using Crestron Toolbox™ software.

The DIN-TSTATIM-FCU mounts onto a Din rail. To install the DIN-TSTATIM-FCU, press it onto the DIN rail until it snaps into place.

DIN-TSTATIM-FCU

DIN rail

Connect the DIN-TSTATIM-FCU as shown in the illustration below. Apply power after all connections have been made.

L, N:
120 V / 277V
AC input terminals

GH, GM, GL:
Fan speed control signals
to HVAC system

Y:
Cooling control signal
to HVAC system

W:
Heating control signal
to HVAC system

L   N
—— 120V ——

GH   GM   GL   Y   W
—— 120V ——

CRESTRON
DIN-TSTATIM-FCU-120
24V TO 120V THERMOSTAT INTERFACE

—— 24V ——
C   R   GH   GM   GL   Y   W

C, R:
24 VAC power
to thermostat

GH, GM, GL:
Fan speed control signals
from thermostat

Y:
Cooling control signal
from thermostat

W:
Heating control signal
from thermostat

Federal Communications Commission (FCC) Compliance Statement
This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada (IC) Compliance Statement
CAN ICES-3 (B)/NMB-3(B)