

# DIN-TSTATIM-FCU-277

## High-Voltage FCU Thermostat Interface, 277V

- > Ideal for retrofit applications with existing high-voltage HVAC equipment
- > Enables a Crestron® FCU type thermostat to control a 277V FCU HVAC system
- > Works with Crestron CHV-TSTAT-FCU and CHV-TSTATEX-FCU series thermostats
- > Provides 24 VAC to power the thermostat
- > 9U 35 mm DIN rail mountable

The DIN-TSTATIM-FCU-277 High Voltage FCU Thermostat Interface adapts a Crestron® FCU type thermostat to control a 277 Volt Fan Coil Unit HVAC system. It includes a built-in 24 Volt AC transformer to power the thermostat, and is compatible with Crestron [CHV-TSTAT-FCU](#) and [CHV-TSTATEX-FCU](#) series thermostats (sold separately).

Standard 35 mm DIN rail mounting allows the DIN-TSTATIM-FCU-277 to be installed in a DIN rail enclosure (Crestron [DIN-EN](#) series or similar). It occupies 9 DIN module spaces, and is 277 Volt AC line powered.

### SPECIFICATIONS

#### Load Rating

**277V Switched 3-Speed Fan:** 5 Amps inductive or 1/4 HP motor @ 277 Volts AC, 60 Hz

**277V Switched Heat/Cool Control:** 1.5 Amps pilot duty @ 277 Volts AC, 60 Hz

**24V Unswitched Thermostat Supply:** 100 mA @ 24 Volts AC

#### Connections

**277V:** (7) Captive screw terminals;  
Class 1, 277 Volt AC connections for line power source and fan coil unit HVAC equipment:

- L: Line power input;
- N: Neutral;
- GH, GM, GL: Fan speed control output;
- Y: Cooling control output;
- W: Heating control output

**24V:** (7) Captive screw terminals;  
Class 2, 24 Volt AC connections for thermostat:

- C: 24 VAC output, common;
- R: 24 VAC output, hot/reference;
- GH, GM, GL: Fan speed control input;
- Y: Cooling control input;
- W: Heating control input

*Note: All terminals support wire gauges from 24 to 12 AWG (0.25 to 4 mm<sup>2</sup>)*

#### Construction

**Housing:** Light gray polycarbonate housing with polycarbonate label overlay

**Mounting:** 35 mm DIN EN 60715 rail mount, DIN 43880 form factor for enclosures with 45 mm front panel cutout, occupies 9 DIN module spaces (162 mm)

#### Environmental

**Temperature:** 32° to 104° F (0° to 40° C)

**Humidity:** 10% to 90% RH (non-condensing)

For indoor use only

#### Dimensions

**Height:** 3.70 in (94 mm)

**Width:** 6.33 in (161 mm)

**Depth:** 2.29 in (58 mm)

#### Weight

15.0 oz (424 g)

#### Compliance

UL Listed for US & Canada, IC, FCC Part 15 Class B digital device

### MODELS & ACCESSORIES

#### Available Models

**DIN-TSTATIM-FCU-277:** High-Voltage FCU Thermostat Interface, 277V

#### Available Accessories

**CHV-TSTAT-FCU-W:** Heating/Cooling Fan-Coil Thermostat, White  
**CHV-TSTATEX-FCU-W-T:** infiNET EX® Thermostat, Fan Coil Unit, White Textured

**DIN-EN Series:** Enclosures for DIN Rail Devices

Notes:

This product may be purchased from an authorized Crestron dealer or distributor. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at <https://www.crestron.com/How-To-Buy/Find-a-Representative> or by calling 855-263-8754.

The specific patents that cover this and other Crestron products are listed online at <https://www.crestron.com/legal/patents>.

Certain Crestron products contain open source software. For specific information, visit <https://www.crestron.com/opensource>.

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