

# CH-RTHS-N

## Remote Temperature and Humidity Sensor, Wall Mount, Cresnet® Network

- Wall mount remote temperature and humidity sensor
- Communicates directly with a Crestron® control system
- Mounts to standard UK and EU back boxes
- Gangable for custom applications

The CH-RTHS-N is a wall mount temperature and relative humidity sensor. It mounts in a single-gang UK or EU style electrical box and communicates directly with any Crestron® Control System via the Cresnet® control network. A complete installation requires an FP-INTENSE or FP-PURE series faceplate (sold separately).

### Specifications

#### Measurement Range

**Temperature:** -40° to 80°C (-40° to 176°F)

**Humidity:** 0% to 100% RH

**Output Resolution:** 0.1°C (0.1°F); 1% RH

**Accuracy:** ±0.5°C (1°F); 5% RH

#### Communications

**Cresnet:** Cresnet slave mode

#### Connections

**NET:** (2) 4-pin detachable terminal blocks;  
Cresnet slave port with hardwire parallel pass-through

#### Power

**Cresnet Power Usage:** 0.25 W (0.01 A @ 24 VDC)

#### Control & Indicator

**SETUP:** (1) miniature pushbutton and (1) blue LED, used for touch-settable ID (TSID)

#### Construction

**Housing:** Metal with plastic front, anthracite, white, white steel, champagne coated, or black steel finish

**Mounting:** Mounts to a 1-gang UK (BS 4662) or 1-gang EU (DIN 49073) electrical box

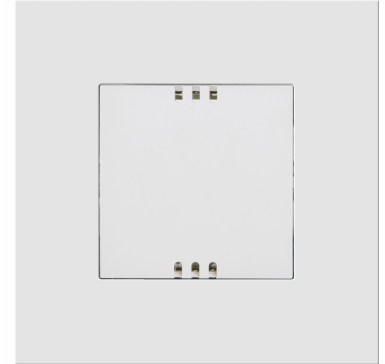
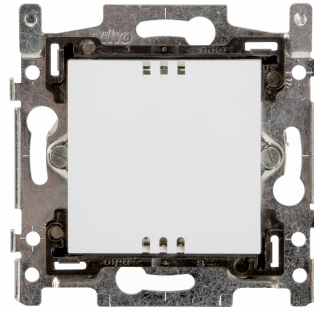
**Faceplate:** Requires a Crestron FP-INTENSE or FP-PURE series faceplate (sold separately)

#### Dimensions

**Height:** 45 mm (1.77 in.)

**Width:** 45 mm (1.77 in.)

**Depth:** 25 mm (0.98 in.)



#### Weight

25 g (0.88 oz)

#### Compliance

CE, EN 50090-2-2, EN 61000-4-6, EN 61000-4-4,  
EN 61000-4-2, 89/336/EWG

### Models

#### Available Models

##### CH-RTHS-N-120 KIT

Remote Temperature and Humidity Sensor, Wall Mount, Cresnet® Network, White

##### CH-RTHS-N-122 KIT

Remote Temperature and Humidity Sensor, Wall Mount, Cresnet® Network, Anthracite

##### CH-RTHS-N-154 KIT

Remote Temperature and Humidity Sensor, Wall Mount, Cresnet® Network, White Steel

##### CH-RTHS-N-157 KIT

Remote Temperature and Humidity Sensor, Wall Mount, Cresnet® Network, Champagne Coated

##### CH-RTHS-N-161 KIT

Remote Temperature and Humidity Sensor, Wall Mount, Cresnet® Network, Black Steel

Rev 04/01/19

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## Remote Temperature and Humidity Sensor, Wall Mount, Cresnet® Network

This product may be purchased from select authorized Crestron dealers and distributors. 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.

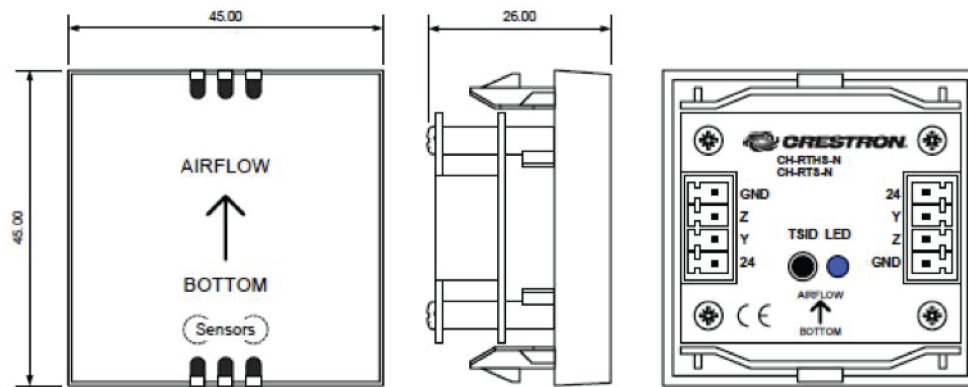
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Certain Crestron products contain open source software. For specific information, please visit [www.crestron.com/opensource](https://www.crestron.com/opensource).

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