



A HIGHER OPERATING RANGE  
AND EXTREMELY LOW TRIP POINT

**Higher High. Lower Low.**

# Cover A Wide Range Of Applications With Just One Brand

## With Versatile Honeywell Current Sensors And Switches, You Can Cover More Applications.

Choosing the right current switch and transmitter is now as easy as reaching for the Honeywell models. Because Honeywell current sensors are rated at 200 or 250 amps (depending on model), you can meet high-amp situations without the need for a transformer. And Honeywell offers current switches with a very low trip point of 0.20 amps.

Even more, Honeywell makes all the models easy to install and service. A built-in DIN rail mounting flange makes installation a snap. And red and green LEDs show operating status at a glance. Simply put, for status monitoring, load trending and other HVAC applications, Honeywell current sensors and switches are the smart choice.

- Very low operating current measurement
- Fewer wire loops are needed, so installation time is reduced
- LED status indication saves setup and troubleshooting time
- 35mm DIN rail mounting clips are built-in, so no accessory clips are needed
- Split-core offering means installer doesn't have to power down the unit or disconnect wires to install switches



## Cost-Effective Solution

Honeywell current switches can detect whether or not current is flowing and then transmit the status to a building management system, DDC or PLC controller. Honeywell current transmitters measure the level of operating current and can be used to monitor equipment or drive other equipment with a modulating output. Both current switches and transmitters can be used to detect a motor failure, belt loss or slippage, or a mechanical failure. The quick signal allows for service actions to be taken immediately to prevent further damage and reduce downtime.

- Wide operating frequency and temperature ranges allow sensors to work across a wide range of applications, including applications above 150° F
- Accepts inputs up to 200 or 250 amps (depending on model), so you can save money by using a smaller sensor in higher current applications
- Because power is induced from a monitored conductor, no additional power supply is needed
- WEEE and RoHS compliant for environmentally-friendly use worldwide
- 5-year warranty

|                  | Part Number    | Description               | Core Type | Normally Open or Normally Closed | Trip Point     | Operating Range | Output Switch Rating  | LEDs          |
|------------------|----------------|---------------------------|-----------|----------------------------------|----------------|-----------------|-----------------------|---------------|
| Current Switches | CSS-O-F5-001   | “Go/No Go” current switch | Solid     | N/O                              | 0.5 A          | 0-250 A         | 0.3 A at 200 Vac/Vdc  | Red           |
|                  | CSS-O-F1-001   | “Go/No Go” current switch | Solid     | N/O                              | 0.2 A          | 0-250 A         | 0.3 A at 200 Vac/Vdc  | Red           |
|                  | CSS-C-F5-001   | “Go/No Go” current switch | Solid     | N/C                              | 1.0 A          | 0-250 A         | 0.15 A at 300 Vac/Vdc | Red           |
|                  | CSS-C-F1-001   | “Go/No Go” current switch | Solid     | N/C                              | 0.5 A          | 0-250 A         | 0.15 A at 300 Vac/Vdc | Red           |
|                  | CSS-O-A300-001 | Adjustable current switch | Solid     | N/O                              | 1.0 A to 250 A | 0-250 A         | 0.3 A at 200 Vac/Vdc  | Red and green |
|                  | CSS-O-A200-001 | Adjustable current switch | Solid     | N/O                              | 0.5 A to 250 A | 0-250 A         | 0.3 A at 200 Vac/Vdc  | Red and green |
|                  | CSS-C-A300-001 | Adjustable current switch | Solid     | N/C                              | 1.0 A to 250 A | 0-250 A         | 0.15 A at 300 Vac/Vdc | Red and green |
|                  | CSP-O-F15-001  | “Go/No Go” current switch | Split     | N/O                              | 2.5 A          | 0-200 A         | 0.3 A at 200 Vac/Vdc  | Red           |
|                  | CSP-O-F10-001  | “Go/No Go” current switch | Split     | N/O                              | 1.5 A          | 0-200 A         | 0.3 A at 200 Vac/Vdc  | Red           |
|                  | CSP-C-F15-001  | “Go/No Go” current switch | Split     | N/C                              | 2.5 A          | 0-250 A         | 0.15 A at 300 Vac/Vdc | Red           |
|                  | CSP-O-A300-001 | Adjustable current switch | Split     | N/O                              | 3.0 A to 200 A | 0-200 A         | 0.3 A at 200 Vac/Vdc  | Red and green |
|                  | CSP-O-A200-001 | Adjustable current switch | Split     | N/O                              | 2.0 A to 200 A | 0-200 A         | 0.3 A at 200 Vac/Vdc  | Red and green |
|                  | CSP-C-A300-001 | Adjustable current switch | Split     | N/C                              | 3.0 A to 250 A | 0-250 A         | 0.15 A at 300 Vac/Vdc | Red and green |
|                  | CSP-C-A200-001 | Adjustable current switch | Split     | N/C                              | 2.5 A to 250 A | 0-250 A         | 0.15 A at 300 Vac/Vdc | Red and green |

|                      | Part Number        | Description                 | Core Type | Output   | Current Range         | Type       | Loop Powered | True RMS or average |
|----------------------|--------------------|-----------------------------|-----------|----------|-----------------------|------------|--------------|---------------------|
| Current Transmitters | CTS-20-005-AVG-001 | Loop powered current sensor | Solid     | 4-20 mA  | 0-5 A                 | Fixed      | Yes          | Average             |
|                      | CTS-20-050-AVG-001 | Loop powered current sensor | Solid     | 4-20 mA  | 0-10, 0-20, 0-50 A    | Adjustable | Yes          | Average             |
|                      | CTS-20-250-AVG-001 | Loop powered current sensor | Solid     | 4-20 mA  | 0-100, 0-200, 0-250 A | Adjustable | Yes          | Average             |
|                      | CTS-20-005-VFD-001 | Loop powered current sensor | Solid     | 4-20 mA  | 0-5 A                 | Fixed      | Yes          | True RMS            |
|                      | CTS-20-050-VFD-001 | Loop powered current sensor | Solid     | 4-20 mA  | 0-10, 0-20, 0-50 A    | Adjustable | Yes          | True RMS            |
|                      | CTS-20-250-VFD-001 | Loop powered current sensor | Solid     | 4-20 mA  | 0-100, 0-200, 0-250 A | Adjustable | Yes          | True RMS            |
|                      | CTP-20-005-AVG-001 | Loop powered current sensor | Split     | 4-20 mA  | 0-5 A                 | Fixed      | Yes          | Average             |
|                      | CTP-20-050-AVG-001 | Loop powered current sensor | Split     | 4-20 mA  | 0-10, 0-20, 0-50 A    | Adjustable | Yes          | Average             |
|                      | CTP-20-200-AVG-001 | Loop powered current sensor | Split     | 4-20 mA  | 0-100, 0-150, 0-200 A | Adjustable | Yes          | Average             |
|                      | CTP-20-005-VFD-001 | Loop powered current sensor | Split     | 4-20 mA  | 0-5 A                 | Fixed      | Yes          | True RMS            |
|                      | CTP-20-050-VFD-001 | Loop powered current sensor | Split     | 4-20 mA  | 0-10, 0-20, 0-50 A    | Adjustable | Yes          | True RMS            |
|                      | CTP-20-200-VFD-001 | Loop powered current sensor | Split     | 4-20 mA  | 0-100, 0-150, 0-200 A | Adjustable | Yes          | True RMS            |
|                      | CTS-05-050-VDC-001 | Current sensors             | Solid     | 0-5 Vdc  | 0-10, 0-20, 0-50 A    | Adjustable | No           | Average             |
|                      | CTS-05-250-VDC-001 | Current sensors             | Solid     | 0-5 Vdc  | 0-100, 0-200, 0-250 A | Adjustable | No           | Average             |
|                      | CTS-10-050-VDC-001 | Current sensors             | Solid     | 0-10 Vdc | 0-10, 0-20, 0-50 A    | Adjustable | No           | Average             |
|                      | CTS-10-250-VDC-001 | Current sensors             | Solid     | 0-10 Vdc | 0-100, 0-200, 0-250 A | Adjustable | No           | Average             |
|                      | CTP-05-050-VDC-001 | Current sensors             | Split     | 0-5 Vdc  | 0-10, 0-20, 0-50 A    | Adjustable | No           | Average             |
|                      | CTP-05-250-VDC-001 | Current sensors             | Split     | 0-5 Vdc  | 0-100, 0-200, 0-250 A | Adjustable | No           | Average             |
|                      | CTP-10-050-VDC-001 | Current sensors             | Split     | 0-10 Vdc | 0-10, 0-20, 0-50 A    | Adjustable | No           | Average             |
|                      | CTP-10-250-VDC-001 | Current sensors             | Split     | 0-10 Vdc | 0-100, 0-200, 0-250 A | Adjustable | No           | Average             |

**Automation and Control Solutions**

**In the US:**

Honeywell  
1985 Douglas Drive North  
Golden Valley, MN 55422-3992

**In Canada:**

Honeywell Limited  
35 Dynamic Drive  
Toronto, Ontario M1V 4Z9

**In Latin America:**

Honeywell  
9315 N.W. 112th Avenue  
Miami, FL 33178  
[www.honeywell.com](http://www.honeywell.com)

**Honeywell**