

# PRECISE ACCURATE CURRENT SENSING

Proven Monitoring and Fault Detection

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CS/CSP/MCS Current Switches,  
CTP Current Transmitters  
and CR Relays

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**Honeywell**

# CURRENT SWITCHES: MCS, CS & CSP

## ACCURATE MONITORING OF HVAC DRIVES

Bring reliability, accuracy and savings to your business and buildings with Honeywell current switching solutions. With simplified installation, you'll find both cost and time savings packed into these compact switches. Once installed, you can rest easy. They'll let you know when there's an issue needing your attention.



### CSP SERIES

- Prior to installation, the current threshold is preset thereby allowing the installer to avoid electrical hazards when adjusting in presence of line voltage
- Lowest installed cost
- No need to return to job site to calibrate
- Save approximately 30 minutes time for each sensor install
- Split core; fixed and adjustable trip points
- Optional command relay

### CS SERIES

- Same benefits as CSP current switch with a more-compact package
- Low amperage detection
- Solid core; fixed and adjustable trip points

### MCS SERIES (MINI-ADJUSTABLE)

- Ultra small, fits almost anywhere
- Low amperage detection
- Solid core; adjustable

### APPLICATIONS

- Detecting mechanical failure on fans and pumps
- Monitoring status of industrial processes and critical motors

### CS/CSP/MCS SERIES CURRENT SWITCHES

Model Number	Trip Point	Core Type	Max. Current	Application
MCS-NO-A-50A	Adjustable, 0.75-50FLA	Micro-Solid	50A	Standard
CS-NO-F-50A	Fixed, 0.25A	Solid	50A	Standard
CS-NO-A-50A	Adjustable, 0.75-50FLA	Solid	50A	Standard
CSP-NO-A-50A	Adjustable, 0.45-50FLA	Split	50A	Standard
CSP-NO-A-100A	Adjustable, 0.50-100FLA	Split	100A	Standard
CSP-NO-A-150A	Adjustable, 0.50-150FLA	Split	135A	Standard
CSP-NO-F-200A	Fixed, 0.35A	Split	200A	Standard
CSP-NO-AVFD-150A	Automatically detected above 40 Hz	Split	135A	VFD Controlled Motor
CSP-NO-AECM-200A	Adjustable, 0.25-3A Trip	Split	200A	ECM - Electronically Commutated Motor



# CURRENT TRANSMITTERS: CTP SERIES CONTINUOUS APPLICATION MONITORING

Accurate sensing boosts performance and efficiency. Honeywell current transmitters provide linear output and selectable ranges with high accuracy and reliable performance. Flexible for a broad range of applications and simple to install, you will find peace of mind knowing you saved on cost and time without sacrificing value.



CTP-A-120A

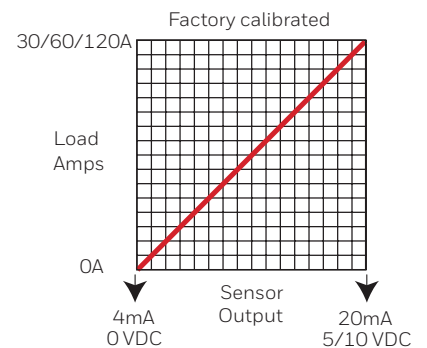
## CTP SERIES

- Split-core sensor with fixed and selectable ranges
- High resolution and accuracy
- Factory calibrated for accurate linear current measurement
- Minimal SKUs for easy selection and reduced inventory
- Simplified wiring without power connection
- Optional command relay

## APPLICATIONS

- Load trending
- Motor and process control
- Fan/pump status
- Motor overload
- Lighting load levels

## LINEAR ANALOG OUTPUT



## CTP SERIES ANALOG CURRENT TRANSMITTERS

Model Number	Output	Core Type	Range	Max. Current
CTP-A-20A	4-20mA	Split	5/10/20A	200A
CTP-A-120A	4-20mA	Split	30/60/120A	200A
CTP-5V-20A	0-5VDC	Split	5/10/20A	100A
CTP-10V-120A	0-10VDC	Split	30/60/120A	200A
CTP-10V-200A	0-10VDC	Split	Fixed, 200A	200A



# CURRENT RELAYS: CR SERIES

## A KEY ACCESSORY FOR SELECT APPLICATIONS

Designed for use as a value-add accessory for both current switches and transmitters, CR Relays help protect against over- or under-current conditions. These highly stable relays are engineered with an adjustable dial to deliver precise measurement and trip points.



### CR SERIES RELAYS

- Designed to be added to the CSP or CTP Series to provide start/stop status in a single device
- Reduces number of installed components
- Simple, integral switch attachment

#### CR SERIES RELAYS

Model Number	Coil Rating	Contact Type/Rating
CR-24V-NO-10A	24VAC/DC, 15mA nom.	N.O. / 10A @ 125VAC
CR-24V-NC-10A	24VAC/DC, 15mA nom.	N.C. / 10A @ 125VAC
CR-12VDC-NO-10A	9-12VDC, 30mA nom.	N.O. / 10A @ 125VAC
CR-12VDC-NC-10A	9-12VDC, 30mA nom.	N.C. / 10A @ 125VAC

#### For More Information

[www.buildings.honeywell.com](http://www.buildings.honeywell.com)

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