



# API Industrial Current Sensors

## AC CURRENT TRANSMITTERS

- Split Core
- True RMS
- 4-20 mA DC Output

**CTX-ACR-0** 0-2, 0-5 Amp  
**CTX-ACR-1** 0-10, 0-20, 0-50 Amp  
**CTX-ACR-2** 0-100, 0-150, 0-200 Amp



## AC CURRENT TRANSMITTERS

- Solid Core, High Current
- True RMS
- 4-20 mA DC Output

**CTX-ACR-3S** 0-375, 0-500, 0-750 Amp  
**CTX-ACR-4S** 0-1000, 0-1333, 0-2000 Amp



## DC CURRENT TRANSMITTERS

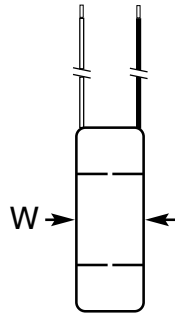
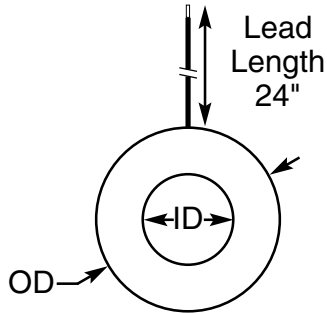
- Split Core
- 4-20 mA DC Output
- 24 VAC/DC Power

**CTX-DC-0** 50, 75, 100 Amp  
**CTX-DC-1** 100, 150, 200 Amp  
**CTX-DC-2** 150, 225, 300 Amp  
**CTX-DC-3** 200, 300, 400 Amp



## AC CURRENT TRANSDUCERS

- Frequency: 50 to 400 Hz
- Insulation Level: 600 Volts, 10 kV BIL full wave
- Leads: 24" Long, Stranded #16 AWG, UL 1015 105°C, CSA Approved
- Approvals: UL recognized E93779, CSA approved LR89403



### 1.05" I.D.

2.46" O.D. X 1.05" W

Model	Ratio
AL-500	50:5
AL-600	60:5
AL-750	75:5
AL-800	80:5
AL-101	100:5
AL-1250	125:5
AL-151	150:5
AL-201	200:5
AL-251	250:5
AL-301	300:5

### 1.56" I.D.

3.56" O.D. X 1.10" W

Model	Ratio
5RL-500	50:5
5RL-750	75:5
5RL-101	100:5
5RL-151	150:5
5RL-201	200:5
5RL-251	250:5
5RL-301	300:5
5RL-401	400:5
5RL-501	500:5
5RL-601	600:5
5RL-751	750:5
5RL-801	800:5
5RL-102	1000:5
5RL-122	1200:5

### 2.50" I.D.

4.58" O.D. X 1.10" W

Model	Ratio
7RL-101	100:5
7RL-151	150:5
7RL-201	200:5
7RL-251	250:5
7RL-301	300:5
7RL-401	400:5
7RL-501	500:5
7RL-601	600:5
7RL-751	750:5
7RL-801	800:5
7RL-102	1000:5
7RL-122	1200:5
7RL-152	1500:5
7RL-162	1600:5

### 3.25" I.D.

5.73" O.D. X 1.15" W

Model	Ratio
8RL-201	200:5
8RL-251	250:5
8RL-301	300:5
8RL-401	400:5
8RL-501	500:5
8RL-601	600:5
8RL-751	750:5
8RL-801	800:5
8RL-102	1000:5
8RL-122	1200:5
8RL-152	1500:5

## AC CURRENT SWITCHES

- Split Core
- Adjustable Setpoint 1.5 to 150 Amps
- Universal Output Solid State Switch
- Self Powered
- Status LED



**CS-AC-1** Normally Closed Solid State Relay  
**CS-AC-2** Normally Open Solid State Relay

## DC CURRENT SWITCHES

- Solid Core
- Adjustable Setpoint
- 3 Jumper Selectable Ranges  
5-20 A, 18-50 A, 50-100 A
- Power LED
- Output Status LED



**CS-DC-1S-12** SPDT relay; 12 VDC power  
**CS-DC-2S-12** Normally Open solid state relay; 12 VDC power  
**CS-DC-1S-24** SPDT relay; 24 VDC power  
**CS-DC-2S-24** Normally Open solid state relay; 24 VDC power

Current Sensors