



## Schneider Electric Relays

200 N. Martingale Rd., Suite 1000

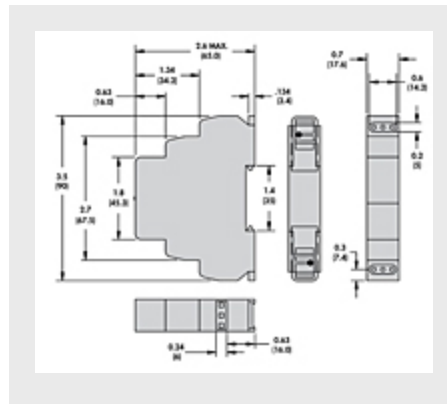
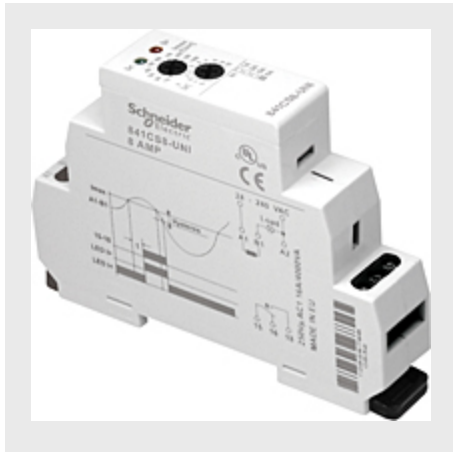
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### ITEM # 841CS2-UNI, 841 CURRENT SENSING RELAYS / SPDT, 15 AMP RATING

The 841 Current Sensor Series allows the user to monitor the current of one circuit (1 to 8 amps) and switch another circuit in case of an over current or under current condition.



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#### Specifications

<b>Check Inventory</b>	<a href="#">Check Distributor Inventory</a>
<b>Status</b>	Standard
<b>Type of Device</b>	Current Sensor
<b>Rated Current Load</b>	15 A
<b>Timing Range</b>	0.1s to 10s
<b>Sensing Current Range</b>	0.2 to 2 A

#### California Proposition 65 Warning



**WARNING:** This product can expose you to chemicals including:  
**Substance 1:** Nickel compounds, which is known to the State of California to cause cancer.  
**Substance 2:** DIDP, which is known to the State of California to cause birth defects or other reproductive harm.  
 For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

#### Output Characteristics

<b>Contact Configuration</b>	SPDT
<b>Contact Materials</b>	Silver Alloy
<b>Current Rating at 240 VAC, 24 VDC</b>	15 A
<b>Switching Voltage</b>	24 VDC 240 VAC, 50/60 Hz
<b>Switching Voltage [hp]</b>	1 hp at 240 VAC 1/2 hp at 120 VAC
<b>Switching Voltage (Pilot Duty)</b>	B300
<b>Indication (LED)</b>	Red

#### Input Characteristics

<b>Maximum Consumption LED</b>	1.50 VA
<b>Indication</b>	Green
<b>Sensing Range</b>	0.2 to 2 A
<b>Functions Available</b>	A - On Delay (Power On)
<b>Time Scales</b>	1
<b>Time Ranges Available</b>	0 to 10 s
<b>Tolerance, Mechanical Setting</b>	5 %
<b>Repeatability, Constant Voltage and Temperature</b>	1 %
<b>Operate Time, Maximum</b>	25 ms
<b>Reset Time, Maximum</b>	20 ms

#### Performance Characteristics

<b>Electrical Life (UL508), Operations at Rated Current (Resistive)</b>	100000
<b>Mechanical Life, Unpowered</b>	10000000
<b>Dielectric Strength - Input to Contacts</b>	2500 VAC
<b>Dielectric Strength - Between Open Contacts</b>	1000 VAC
<b>Terminal Wire Capacity</b>	14 AWG 2.10 mm_

**Terminal Torque (Maximum)**

7.10 in lb

**Environment****Ambient Air Temperature around the Device  
- Operation**

-20 to +55 °C

**Ambient Air Temperature around the Device  
- Storage**

-30 to +70 °C

**Degree of Protection**

IP 20

**Product Certifications****Agency Approvals**UL (E234203)  
CE (per IEC 61810-1)  
RoHs

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