



## Schneider Electric Relays

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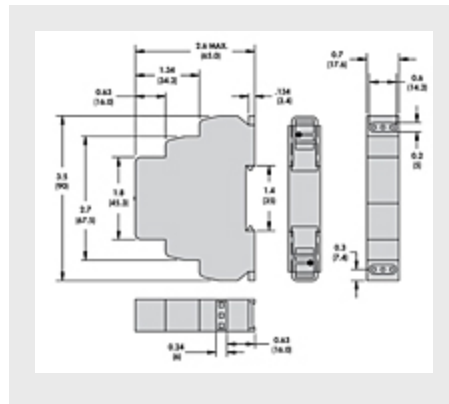
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### ITEM # 841CS8-UNI, 841 CURRENT SENSING RELAYS / SPDT, 15 AMP RATING

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

Check Inventory [Check Distributor Inventory](#)

Status Standard

Type of Device Current Sensor

Rated Current Load 15 A

Timing Range 0.1s to 10s

Sensing Current Range 0.8 to 8 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

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

Input Characteristics	
Maximum Consumption LED	1.50 VA
Indication	Green
Sensing Range	0.8 to 8 A
Functions Available	A - On Delay (Power On)
Time Scales	1
Time Ranges Available	0 to 10 s
Tolerance, Mechanical Setting	5 %
Repeatability, Constant Voltage and Temperature	1 %
Operate Time, Maximum	25 ms
Reset Time, Maximum	20 ms

Performance Characteristics	
Electrical Life (UL508), Operations at Rated Current (Resistive)	100000
Mechanical Life, Unpowered	10000000
Dielectric Strength - Input to Contacts	2500 VAC
Dielectric Strength - Between Open Contacts	1000 VAC
Terminal Wire Capacity	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	

# Mouser Electronics

Authorized Distributor

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