



Schneider Electric Relays

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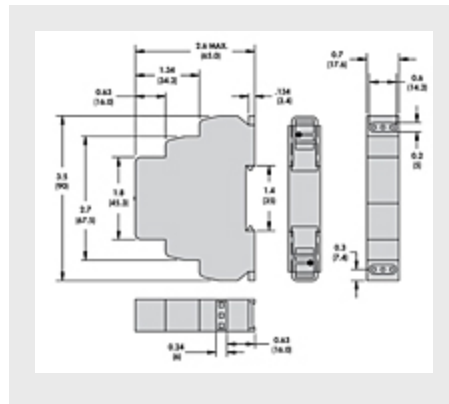
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ITEM # 841CS1-UNI, 841 CURRENT SENSING RELAYS / SPDT, 15 AMP RATING

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 0.1 to 1 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

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	0.1 to 1 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

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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