

235 CURRENT SENSING RELAY

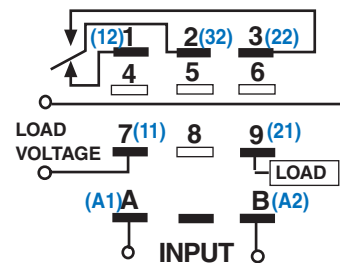
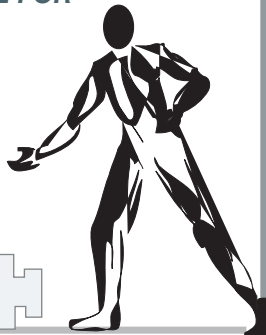
SPDT, 1.5 TO 15 AMPS

WIRING DIAGRAM (VIEWED FROM PIN END)

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UL Recognized
File No. E62636



CLASS 235 CURRENT SENSING RELAY COMBINES A SOLID STATE SENSOR WITH A SPDT, 10 AMPS RELAY. THE SENSOR IS FIELD ADJUSTABLE FOR DETECTING AC CURRENT LEVELS IN EQUIPMENT.



CONTINUOUS VOLTAGE MUST BE SUPPLIED TO INPUT.

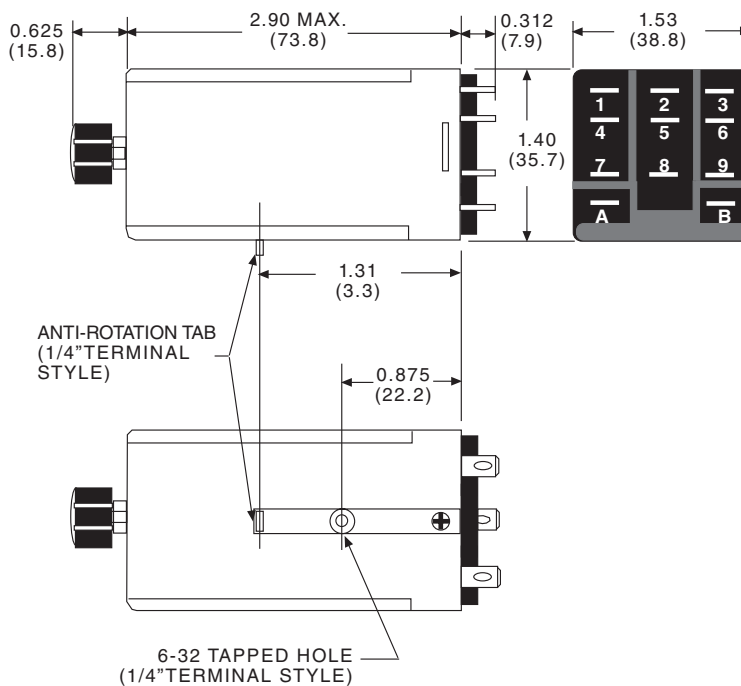
ALTERNATE NEMA OR IEC () NUMBERS VIEWED FROM PIN SIDE

GENERAL SPECIFICATIONS (@ 25°C)

	UNITS	
SENSING		
Current Sense Range:	A	1.5 to 15
Setting Adjustment:		KNOB
Repeatability (constant voltage temperature):	%	2
Reset Time:	mS maximum	150
INPUT		
Standard Voltage:	VAC 50/60Hz	120
Input Voltage Tolerance AC:	of nominal	-85% to +110%
Power Consumption:	maximum	2 VA
Transient Protection:		Yes
Reverse Polarity Protection:		Yes
Input Indication:	DC	No
OUTPUT		
Contact Rating AC Amperes (AC1):	VAC 50/60Hz	10 amps @ 120
Contact Rating DC Amperes (DC1):	VDC	6 amps @ 28
Minimum Load:	mW	500
Contact Material:		Silver Alloy
Output Indication:		No
TIMING		
Operate Time:	mS maximum	25
Release Time:	mS maximum	20
Input Indication:		No
DIELECTRIC STRENGTH		
Across Open Contacts:	V rms	500
Coil to Contacts (supply to Contacts):	V rms	2,500
TEMPERATURE		
Operating, Lower:	°C	-20
Operating, Upper:	°C	+55
Storage, Lower:	°C	-40
Storage, Upper:	°C	+85
LIFE EXPECTANCY		
Electrical Full Load	operations	200,000
Mechanical @ no Load :	operations	5,000,000
MISCELLANEOUS		
Operating Position:		Any
Cover Protection Category:	IP	40
Terminals:	Inch	0.187 x 0.020 quick connect
Weight:	grams	113

OUTLINE DIMENSIONS

DIMENSIONS SHOWN IN INCHES & (MILLIMETERS).



Mating Socket
70-463-1: ACX-3
See section 7
ACX-2 : no socket available

STANDARD PART NUMBER	NOMINAL INPUT VOLTAGE	CURRENT RANGE	TERMINAL SIZE
W235ACX-2	120 VAC	1.5 TO 15 AMPS	0.250"
W235ACX-3	120 VAC	1.5 TO 15 AMPS	0.187"

CALL FACTORY FOR OTHER VOLTAGES, TIME AND FUNCTIONS