





Product Specifications COH20A1AH

 <p>May not be exact product-for reference only</p>	Catalog Number	Function*	Input Voltage	Output	Wiring Diagram
	COH20A1AH	2 - 20A, TRIP DELAY: 0.150 - 7 SEC., SENSING DELAY ON STARTUP: 5 SEC.	240V AC	10A SPDT	

*DESCRIPTION OF FUNCTION	OPERATING CHART
<p>Overcurrent Sensing After input voltage is applied & the sensing delay on power-up (t_s) is completed, the unit will begin sensing for a fault condition. A fault will occur when the monitored AC current (I) goes above the Fault Trip Current setting & remains above the Reset level for a period longer than the adjustable time delay period (t). The LED will turn ON immediately and the relay will energize after the time delay on pick-up (t) is completed. The relay will de-energize & the LED will turn OFF when the monitored AC current goes below the Reset level.</p>	

APPLICATION INFORMATION	DIMENSIONS
<p>Voltage Tolerance: AC Operation: +10/-15% of nominal at 50/60 Hz.</p> <p>Load (Burden): 2 VA for all voltages</p> <p>Indicator LEDs: Red ON Steady when Fault occurs</p> <p>Current Sensing: Range: 2-20A Type: Toroidal, through hole wiring Setting Accuracy: Min: +0%, -50%; Max: +10%, -0% Maximum Allowable Current: Steady-50A Turns; 300A Inrush for 10 Seconds Trip Point Hysteresis: -5%</p> <p>Response Times: Trip Delay (Relay ON): See Table Above Sensing Delay on Start-up: See Table Above Time Delay on Reset (Relay OFF): 100ms Reset Time: 400ms</p> <p>Output Contacts: 10 Amperes @ 240VAC, General Purpose; 8 Amperes @ 28VDC, Resistive; 1/4HP @ 120/240VAC; B300</p> <p>Life: Mechanical: 10,000,000 operations; Full Load: 100,000 operations</p> <p>Temperature: (Storage) -40° to 85° C (-40° to 185° F); (Operating) -28° to 65° C (-18° to 149° F)</p> <p>Approvals:</p> 	<p style="text-align: center;">Inches (Millimeters)</p>

Macromatic Industrial Controls Inc.
 W134N5345 Campbell Drive, Menomonee Falls, WI 53051 (USA)
 Telephone: 800-238-7474 (262-781-3366) © 1997-2015 Macromatic Industrial Controls Inc.