

Preliminary

Solid State Relay Model 10190

DESCRIPTION

Model 10190 is a small solid state relay that detects open and shorted loads.



SPECIFICATIONS					
Sensing Ranges					
Sensor Frequency Range	60 Hz				
Trip Point	Fixed				
Response Times					
Temperature Range	0-70°C				
Maximum Wire Size					
Dimensions (LxWxH)	1.5 x 1.75 x 0.5 inches				
Connections	6-32 Screw Terminals (6)				
Operating Voltage	7-35VDC				
Output Type	Open Collector NPN – 0V on Error				
Output Rating	NPN Transistor – 0.2A				
Operating Current					

ORDERING				
Series				

10190

FEATURES

- Encapsulated to prevent environmental and physical damage
- Solid-state
- Outputs are isolated from monitored lines

APPLICATIONS

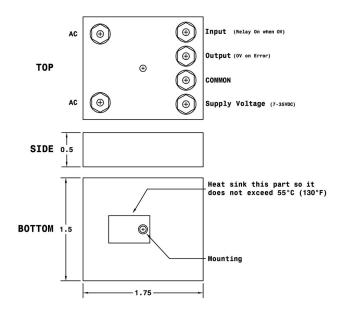
- Protects motors
- Increases Motor Life
- Pumping
- Irrigation
- Conveyors
- Loaders
- Fans and Blowers
- Ovens and Heaters
- Waste Management
- Material Handling
- Industrial Process Control

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10190 Logic Conditions

	Normal Relay Off	Normal Relay On	Load Open Circuit	Load Open Circuit	Shorted Relay	Shorted Relay
Line Voltage i						
Load Current						
Control 1		0V		0V		0V
Control LED .		ON		ON		ON
Alarm Output	0V	0V				
Alarm LED	ON	ON]			

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