
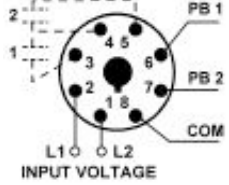




Product Specifications

SFP120C100

	Product Number	Function*	Input Voltage	Output	Wiring / Sockets
	SFP120C100	DUAL CHANNEL, Sensitivity Range: 4.7K - 100K Ohms	120V AC	(2) 5A SPNO	 Use Socket 70169-D

*DESCRIPTION OF FUNCTION

SFP Series Pump Seal Failure Relays are designed to monitor the shaft seals of submersible pumps. A resistive-measuring probe is installed in the pump seal cavity. If the seal starts to leak, contaminating fluid enters the seal cavity, which lowers the resistance between the internal probe & the common connection. When the resistance drops below the user-adjustable sensitivity set-point of the relay, the output relay energizes & the LED turns ON. The relay output can be used to give an alarm indication of a leaking seal. These products will automatically reset when the fault condition clears.

APPLICATION INFORMATION

Voltage Tolerance: AC Operation: +10/-15% of nominal at 50/60 Hz.

Load (Burden): 2 VA

Indicator LEDs: Red ON when seal leak detected & relay is energized.

Probe Voltage: 9V DC

Response Time: Pick-up & Drop-out: 10ms

Output Contacts: Single Channel Relays: 10A @ 240V AC/7A @ 30V DC, 1/4HP @ 120/240V AC
Dual Channel Relays: (2) 5A @ 240V AC/30V DC, 1/4HP @ 120/240V AC

Life: Mechanical: 2,000,000 operations; Full Load: 100,000 operations

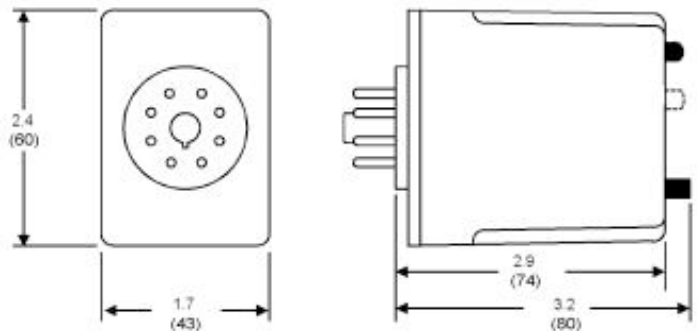
Temperature: -28° to 65° C (-18° to 150° F)

Insulation Voltage: 2,000 volts

Approvals:



DIMENSIONS



Inches (Millimeters)

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