

INSTALINK™ ACCS AC Current Sensing Module



- Provides indication a load is drawing a current.
- On-board current transformer.
- Relay output.

The INSTALINK™- ACCS is used to indicate loads such as heaters, lamps, motors, etc. are drawing current. In processes such as plastic moulding the undetected failure of a heater can lead to rejected parts and lost production time. This module would provide a digital output via a relay contact to confirm that a heater is drawing a current and has not failed in an open circuit condition.

The threshold at which the relay is energized can be adjusted by the user based on the number of turns of wire through the current transformer. For example, passing the load wire through the CT once will result in a turn-on threshold of 1.2A while looping it through 5 times will lower the threshold to 0.25A. The maximum load current is 10A. An LED indicates when the relay is energized.

Provision has been made to cross-connect the 24Vdc to power the module as well as the supply voltage for the relay contact. Jumpers are included with the module.

Ordering Information

Catalog Number

330010

SPECIFICATIONS

INSTALINK™- ACCS	
Catalog Number:	330010
Input:	10A max., AC only
Output:	1 form C (SPDT) relay contact 30Vdc, 1A max.
Supply:	24Vdc @ 11mA nominal (relay energized)
Switching Threshold:	1 turn - 1.2A 2 turns - 0.6A 3 turns - 0.4A 4 turns - 0.35A 5 turns - 0.25A
Isolation:	Relay contact to DC supply: 1500Vrms, 1 minute Load circuit to DC supply: based on insulation of load wiring; 600V recommended.
Switching time:	12.5ms @ 200% of switching threshold 40-100ms @ switching threshold (time decreases as number of turns is increased)
Terminations:	24V supply: 26-12 AWG Contacts: 28-14 AWG cross connections: 16-14 AWG, 0.187" push-on
Pass through area:	10 X 10mm
Operating temperature:	-20°C to +60°C
Dimensions:	25 X 70 X 63.2mm
Mounting:	32 or 35mm DIN rail
Approval:	 US LISTED (UL508, CSA 22.2 No.14-95) E256770
Additional jumpers:	330114 (3 included with module)

