



ESOL-325NS



ESLT-325NS



ESOL-GNG



ESLT-GNG

Current Switches

Adjustable setpoint types

These devices are powered by induction from the monitored AC conductor which passes through the hole/core. They sense the current flow and can thereby monitor the operation/failure of fans, pumps, motors, etc. The Normally Open triac switch closes when the current flow exceeds the set point. The switch point is adjustable via a multi turn pot.

Specification

Switch Rating max.: 250VDC 1A
Input Frequency Range: 10-400Hz

Fixed setpoint types

These units are powered by induction from the monitored AC conductor which passes through the hole/core. They sense current flow and can monitor the operation/failure of fans, pumps, motors etc. Simply connect 2 wires to indicate run /fail - the normally open switch contacts close when the setpoint is exceeded. The GNG models incorporate dry contacts for true digital switching.

Specification

Switch Rating: 30VAC/40VDC 0.5A
On State Volt Drop: <0.1V (@24VDC @ 150mA)

ESOL... /ESLT... Series

Type	Conductor current Input Range	Set Point	Part No.	Price Each
Adjustable Setpoint				
Solid Core	1.025-6, 6-40, 40-200A	Adj.	ESOL-325NS	£37.00
	1.6-6, 6-40, 40-200A	Adj.	ESLT-325NS	£52.00
Fixed Setpoint				
Solid Core	0-5 to 200A Auto ranging	1A Fixed	ESOL-GNG	£31.00
	1-5 to 200A Auto ranging	2.5A Fixed	ESLT-GNG	£41.00



Current Switches

Sontay's range of current switches offer fixed or adjustable setpoint and provide accurate, reliable and maintenance-free operation.

Solid and split-core versions are available, with current ratings of up to 200A. Output switching options include 1A @ 30Vac/dc or 0.5A @ 240Vac.

Adjustable setpoint types

The PM-H series of adjustable setpoint current switches allow easy detection of broken drive belts, drive belt slip or pump coupling shear. A typical HVAC motor that loses its load has a reduction of current draw of up to 50%.

Applications

- Detection of fan belt breakage
- Detection of motor failure
- Verifying lighting circuits
- Monitoring critical motors (compressors etc.)
- Process equipment status

Features

- Adjustable set-point
- More reliable & cost-effective than differential pressure switches (no fitting or tapping)
- 100% solid-state output, no moving parts to fail
- Output status LEDs for fast setup
- Self-powered

Fixed setpoint types

The PM-H series of fixed setpoint current switches provide a cost-effective solution for monitoring the status of unit vents, exhaust fans, re-circulation pumps and other fixed loads where belt loss is not a concern.

Applications

- Detection of motor failure
- Verifying lighting running times
- Monitoring critical motors (compressors etc.)
- Process equipment status

Features

- More reliable for status than relays across auxiliary contacts
- Ideal for lighting status
- Monitor status of fans, pumps, motors and other electrical loads
- Split-core PM-H600 for fast retro-fit installation
- Mini solid-core PM-H800 fits in tight enclosures

The PM-H600 series and PM-H900 series have a self-gripping iris feature which allows the switch to literally clip on to a cable without the need for a base mounting plate.

PM-H Series

Type	Part No.	Price Each
Adjustable Setpoint		
1.25 to 50A	30VAC/DC	PM-H608 £44.00
1 to 135A	30VAC/DC	PM-H708 £36.75
	240VAC	PM-H709HV £33.00
2.5 to 135A	30VAC/DC	PM-H908 £48.75
	240VAC	PM-H909HV £48.75
Fixed Setpoint		
0.5 to 200A	30VAC/DC	PM-H600 £31.25
0.25 to 200A	30VAC/DC	PM-H800 £26.75
1.5 to 200A	30VAC/DC	PM-H900 £35.00



PM-H908

PM-H708



PM-H800



PM-H900

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