

IN LINE CURRENT PROVING SWITCH

TYPE: MOD-I (spco)



FEATURES

- Din rail mounted
- Modern modular design
- Width 27mm (1.5 modules)
- SPCO output
- Adjustable delay to energise time delay 1-10 secs
- No separate auxiliary supply required
- Four selectable ranges 0.1-1A, 0.3-3A, 0.5-5A, 1-10A
- LED indication
- CE marked

DESCRIPTION & MODE OF OPERATION

“With delay to energise on a rising current”. The output relay delays to energise for up to 10 secs when the monitored current rises above the set level as selected by the front potentiometer. It will de-energise when the current falls below the set level less a fixed hysteresis of 1% against the set level. De-energisation will also occur if the auxiliary supply is lost.

The MOD-I can be used to monitor a 3 phase motor by passing one phase into terminal A1 and out on the relevant I.. terminal to the load. The panel Neutral needs to be connected to terminal A2 even if the load does not have a Neutral connection. All terminal details and information along with the CE mark is clearly marked on the sides of the housing.

Single range versions of the above product are available product type YRI-41 see page 66.



SPECIFICATIONS

Supply & Measuring

Supply voltage:	220-240VAC
Max power consumption:	5VA
Insulation:	2.5Kv 50Hz impulse
Measurement ranges:	0.1-1A (terminal 1) 0.3-3A (terminal 2) 0.5-5A (terminal 3) 1-10A (terminal 4)
Max over current:	1A version/ 2A for 1sec 3A version/ 5A for 1sec 5A version/ 8A for 1sec 10A version/ 15A for 1sec
Hysteresis:	Nominal 1% fixed
Repeat accuracy:	< ± 1%
Delay time:	1-10 secs

Relay outputs:

Output contacts:	SPCO 16Amps/250V AC1
Max breaking capacity:	4000VA
Mechanical life:	30 Million ops
Electrical life:	200K at 16A/250VAC

General:

Operating temperature:	-20°C to +65°C
Storage temperature:	-20°C to +65°C
Max cable size:	2.5mm
CE marked	Yes
In accordance with:	EN61000-6-1: 2007 EN61000-6-3: 2007 EN61010-1: 2002
Housing material:	Polycarbonate, Auto extinguishable to UL 94 V-0

