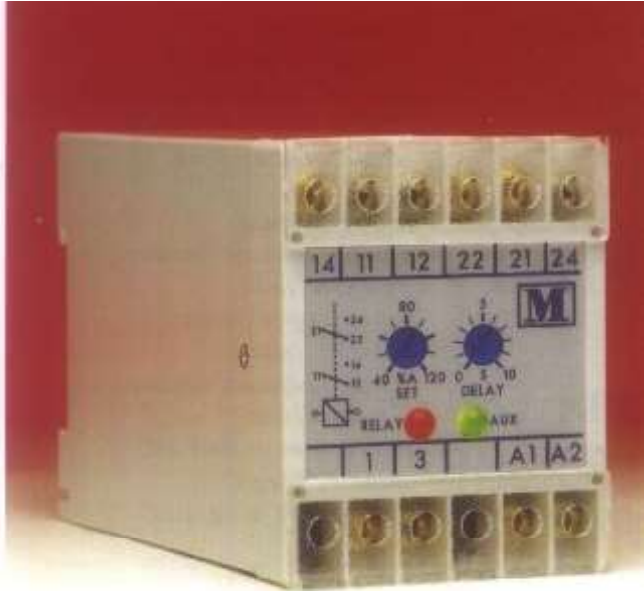


AC CURRENT



TECHNICAL SPECIFICATION

INPUT

Rated value In	1A or 5A from CT 0.2 to 10 Amp direct connected
Frequency	50 /60 /400 Hz
Burden	<0.5 VA per phase
Overload	2 x In continuous 10 x In for 3 seconds

SETPOINT

Range Over	Adjustable 40% to 120% In
Range Under	Adjustable 0% to 80% In
Repeatability	Better than 0.5% of full span
Differential	Fixed 5%
Time Delay seconds	Adjustable 200ms to 10

AUXILIARY

AC Voltage	115/230/400V (± 25% /45-65 Hz / <2 VA)
DC Voltage	24 volt (± 20% /galvanically isolated) <3 watt

WEIGHT & CASE SIZE

Single units	Approx. 0.4kg, 55mm case
Combined units	Approx. 0.6kg, 100mm case

ORDERING INFORMATION

Product Code	Input Freq.	Aux.	Options
M200-A30	5A	50Hz	230V

OPTIONS

1. Adjustable time delay max 30 seconds
2. AC Auxiliary in the range 57.7 to 480 volts
3. Calibration at nominal Hz 35 450Hz
4. Calibration at temperature other than 23° C

SELECTION GUIDE

M200-A1U	Single phase under current
M200-A1O	Single phase over current
M200-A1C	Single Phase combined current
M200-A3U	3 Phase under current
M200-A3O	3 Phase over current

TYPICAL APPLICATIONS

The M200 AC current relays provide current monitoring and protection in both single and 3 phase systems. Used in applications such as motor protection, load detection and generator control.

Under over and combined under/over units are available.

The relay operates when the adjustable trip point is reached. An externally adjustable time delay is provided to prevent nuisance tripping.

As is common with all the M200 relays, on over units the relay energises when the input signal exceeds the trip point. On under units the relay de-energises when the input signal goes below the trip point.

A red LED indicates the state of the relay, whilst a green LED indicates the condition of the power supply.

AC CURRENT CONNECTION DIAGRAMS

