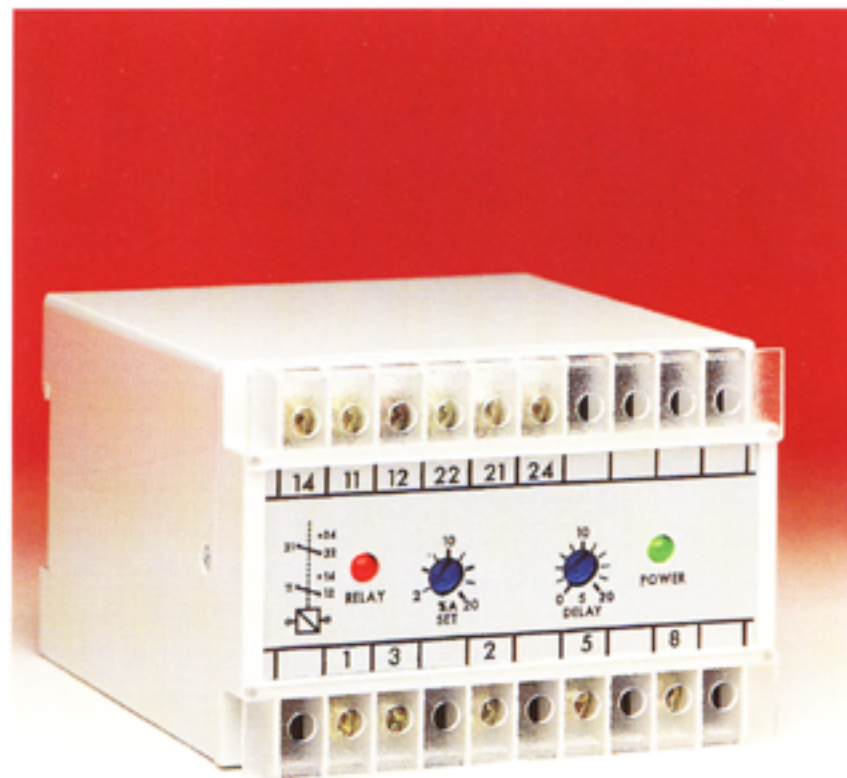


REVERSE POWER



TECHNICAL SPECIFICATION

INPUT

Rated value U_n	57.8 < 500v +/- 25%
Rated value I_n	C.T. operated 1 or 5A or direct connected 0.2 to 10A
Frequency	50 / 60 / 400Hz
Burden	< 3VA voltage < 0.5 VA current
Overload	1.5 x U_n 2 x I_n continuous 2 x U_n 10 x I_n for 3 seconds

SETPOINT

Range	2% to 20% reverse current
Repeatability	Better than 0.5% of full span
Time delay	Adjustable 200ms to 20 sec.
Hysteresis	1%

AUXILIARY

All units self powered

WEIGHT & CASE SIZE Approx. 0.6kg. 100mm case

SELECTION GUIDE

M200-RP1	Single phase or 3 phase 4 wire
M200-RP3	3 phase 3 wire

TYPICAL APPLICATIONS

The M200 reverse power relay is used to monitor the direction of power from AC generators. If the current in the system being monitored is reversed, to a value greater than the customer adjustable preset limit, the relay will energise.

The adjustable trip point is 2 to 20% of input current. An adjustable time delay of 0 to 20 seconds is provided. Correct setting of the trip point and time delay, will ensure protection against motoring in the event of a generator failure and prevent tripping due to transients encountered during synchronizing.

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

ORDERING INFORMATION

Product Code	I_n Input	U_n Input	Freq	Options
M200-RP3	1 Amp	400 Volt	50Hz	5 sec T/D

OPTIONS

- Adjustable time delay max 30 seconds
- AC auxiliary in range 57.7 to 480 volts
- Calibration at nominal Hz 35450Hz
- Calibration at temperature other than 23 °C

CONNECTION DIAGRAM

