

### Energom-PR240

#### Split motor protect relay

#### Description

Energom-PR240 is an excellent choice for telemetry applications for Motor monitoring, metering, and control. Its small size, low cost and remote HMI options make the relay a perfect option for power distribution systems for such uses as end-of-line monitoring and power metering.

It offers low-voltage motor protection in virtually all applications, including pumping, air-based, chiller, and bulk-material applications. It can be configured as full range of medium-voltage, three-phase induction and synchronous motors protect relay.

#### Features

- Panel mounting HMI unit and Din-rail mounting control unit.
- Suit for Motor under 0.66KV and any current range.
- HMI unit provide 3-phase current voltage monitors, Power Measurement.
- Control unit build in 200A CT, out of range use ..1/5A CT connect.
- Abundant protection modes can be freely selected to alarm or trip.
- Can selected a variety of startup modes for different wiring application.
- RS-485 network communications.
- 4 digital outputs, and 7 digital inputs.
- Optional 1 programmable analog output.



#### Technical characteristics

IEEE / ANSI C37.2	PROTECTION FUNCTIONS
48	Max. Start Time
49, 51	Overload
51	Increased safety motors overload
51R	Over Current Level 1 - Jam
47	Phase loss
46	Current imbalance
50G/N, 51G/N	Ground fault
50	Over Current Level 2 - Short
32L	Under Power
38	Over temperature
59	Over voltage
27	Undervoltage
81U/81O	Abnormal frequency
55	Lead / Lag PF / Low Power Factor
74	Welded Contactor

#### Installation Dimensions

