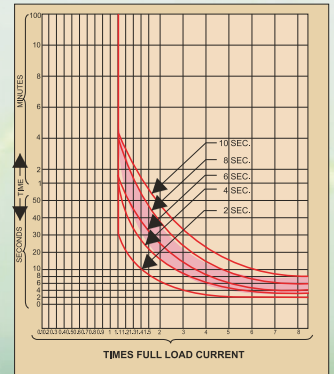


# ELECTRONIC MOTOR PROTECTION RELAY

## “Safety is cool, so make that rule.”

Suitable For  
Following Applications

- > Crane Motors
- > Heavy Duty Motors
- > Screw Compressors
- > AHU Fan Motors
- > HT Motors



## D3 MPR1

### FEATURES

Micro-controller based DIN Rail mounting Electronic Motor Protection Relay built in with 8 X 2 back lit LCD display of 3 phase current & fault status, sensing current through 3 different Ct's, Protecting against Phase Failure, Phase Sequence, Phase to Phase Current Unbalance, Electronic Overload as per IDMT characteristics, Lock Rotor Fault Logging for last 10 fault.

### TECHNICAL SPECIFICATIONS

<b>Supply Voltage</b>	380 - 440V AC +/- 20%, 45 to 55 Hz.		
<b>Aux Supply</b>	90-270V AC/DC		
<b>Output Relay Contact</b>	2 CO, contact rating 5A @ 230V AC (resistive)		
<b>Input through external CT.</b>	5 Amps. CT Secondary		
<b>Indications</b>	Power On & Trip		
Trip Setting	Protection Parameter	Setting Range	Trip Delay
	Set Current	20 - 100% of FLA	N.A.
	Over load Trip Setting	Above 110% of set value	As per IDMTL Char. 2/5/10/15/20/30 Sec
	Unbalance Trip Setting	20% 60%	4 Sec +/- 1 Sec
	Phase Failure	N.A.	4 Sec +/- 1 Sec
	Phase Sequence	N.A.	Instant
Lock Rotor	200-800 %	Instant	Manual

**Our Other Products: Phase Failure Relays, Motor/Pump Protection relays, Monitoring Relays, Electronic Timers, Liquid Level Controllers, Power Line Transducers & Multifunction Meter, Automation Products, Alarm Annunciators, Soft Starters, AC Drives, PCB, and Products for Agri Sector.**

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