

Features

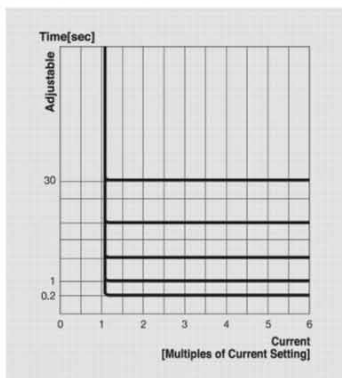
- Compact Design
- MCU Based
- Multiple Protection Functions
- Wide Current Adjustment Range (10:1)
- Ammeter Function & Trip Indication
- Easy Troubleshooting & Run Monitor
- Manual Instantaneous / Electrical Remote Reset
- Test Function
- Ambient Insensitive
- Fail-safe Operation

Run Monitor & Troubleshooting with 2-LED's

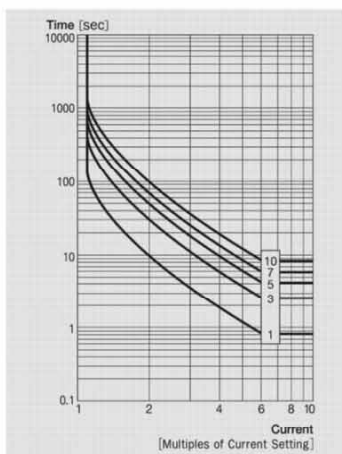
2 LED Lamps on the dial plate provide easy troubleshooting and run-monitor functions

Motor Status		LED Output / Pulse Signal	
		Green LED	Red LED
1	Stop(Power Input)	On	Off
2	Starting	Flash	Flash
3	Normal Running	On	Off
4	Overloading	On	Flash
5	Trip	Over-current	Off
		Locked Rotor	Flash
	Phase Loss	R	Flash
		S	Flash
		T	Flash
DS3(T)	Phase Reversal	2LEDs flash alternatively	

Time-Current Characteristic Curve



Definite Time Characteristic of DS3(T)



Inverse Time Characteristic of EOCR-DS1(T)

EOCR-DS1 / DS3



- 3 Integral Current Transformers
- Independently Adjustable Starting Trip Delay & Trip Time
- EOCR-DS1/3 + Power Terminal Kit = EOCR-DS1T/3T

Protection

Protective Item	EOCR Operating (Trip) Time	
	DS1(T)	DS3(T)
Over-current	O-TIME(curve)	O-TIME
Phase Loss	4 sec	4 sec
Locked Rotor	D-TIME	D-TIME
Phase Reversal	-	0.1sec
Time Characteristic	Inverse	Definite

Specification

EOCR	DS1(T)	DS3(T)
Current Setting	05 30 60 100~ (over 60A)	0.5 - 6A 3 - 30A 5 - 60A
Time Setting	Start D-TIME Trip O-TIME	0 - 50 sec 1 - 10
Control Voltage (50/60Hz)	24 110 220	24VAC/DC 85 - 150VAC 180 - 260VAC
Contact Rating	Mode Rating Status	2-SPST 3A/250VAC Resistive Normally Energized
Time-Current Characteristic	Inverse	Definite
Trip & Trip Cause Indication	2-LED	
Mount	35mm Din-rail	

Typical Wiring

