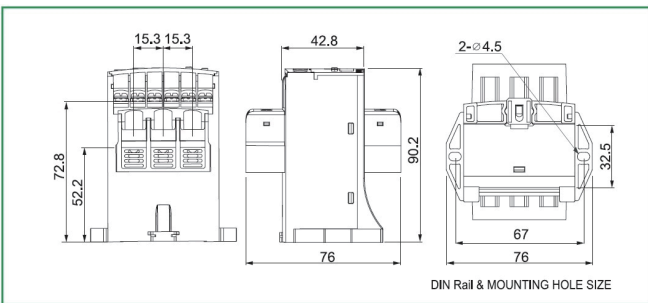
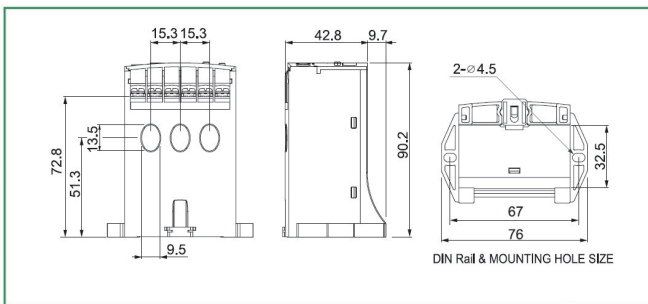




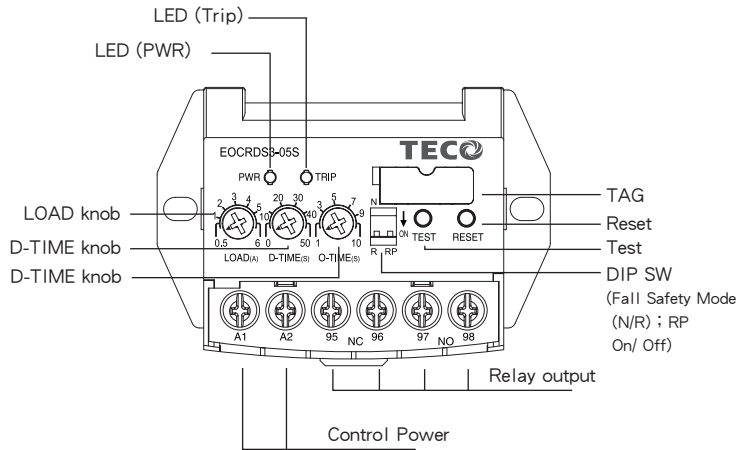
● Technical Data

Trip Time Setting	D-TIME : 1 ~50 Sec.(Adjustable) O-TIME : 1 ~10 Sec.(Adjustable)	
Rate Insulation Voltage	600VAC	
Control Voltage (50/60Hz)	220V : 24~240VAC/DC	
Output Relay	Rating	3A/250 VAC + 5A/30VDC
	N (Fail safety)	Normally energized
	R (N Fail safety)	Normally de-energized
Reset	Manual : Reset by depressing RESET button Electrical (Remote):Reset by interrupting power supply	
Ambient Temperature (Operating)	-20~+60°C	
Ambient Temperature (Storage)	-30~+80°C	
Dielectric Strength	Between casing & circuit : 2kV (60Hz) for 1 min.	
	Between contacts: 1kV (60Hz) for 1 min.	
Consumed Power	2W below	
Time Characteristic	Definite	
Trip Indication	2-LED	
Mounting	35mm Din Rail or Panel	

● Dimensions



● Description



● LED Indication

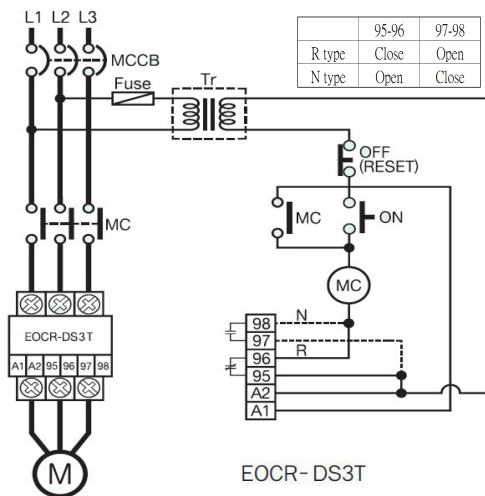
LED / LED Indication

Motor Status	LED / LED Indication					
	Green LED (PWR)		Orange LED (TRIP)			
1 Stop (Power Input)	ON	1 0	OFF	1 0		
2 Starting	Flashing	1 0	Flashing	1 0		
3 Normal Running	ON	1 0	OFF	1 0		
4 Overloading	ON	1 0	Flashing	1 0		
5 Trip	Over-current	OFF	1 0	ON	1 0	
	Locked Rotor	OFF	1 0	Flashing	1 0	
	Phase Loss	R	OFF	1 0	Flashing	1 0
		S	OFF	1 0	Flashing	1 0
T		OFF	1 0	Flashing	1 0	
DS3(T) Reverse Phase (RP)	2 LEDs flash alternately					

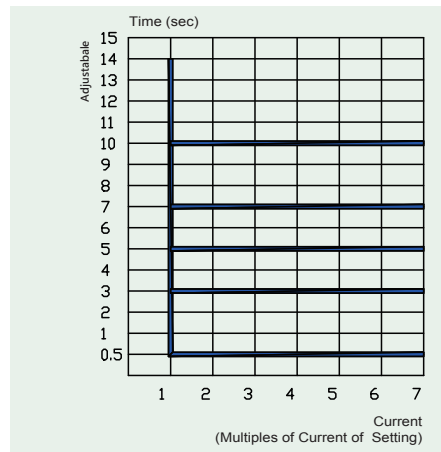
● Setting

- When commissioning, set start delay (D-Time knob) to known motor run-up time, or to the maximum, if not known.
- Set trip delay time (O-Time knob) to desired trip delay time.
- Set load current (LOAD knob) at the rated full load or desired currents.
- With connections made and control power on, depress TEST button and hold. Verify the orange LED illuminates and the internal relay should switch contacts after the sum of D-Time and O-Time. Depress RESET button.
- Start the motor and notice run-up time. Then, slowly turn the LOAD knob, until orange LED flashes, where the 100% of the actual load current is indicated. Set the LOAD knob to the desired trip currents.
110~125% Setting of running current is recommended.
- Reset D-Time knob setting to normal run-up time.
- Periodic testing with TEST button is recommended to ensure the full protection and regularly as a preventive maintenance.

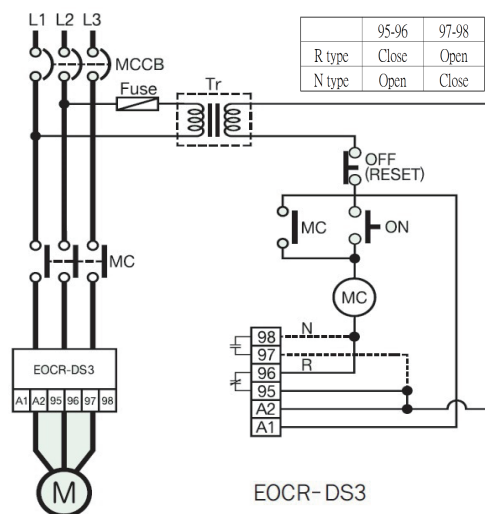
● Wiring



● Time - Current Characteristic Curve



Definite Time Characteristic of EOCR-DS3(T)



● Ordering



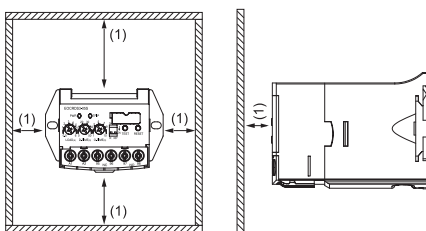
Current Range

- 05 : 0.5-6A
- 30 : 3~30A
- 60 : 5~60A

Control Voltage

220 : AC 24~240V, 50/60Hz

(1)	9mm (0.35 in) mini.	< 45 °C (< 113 °F)
	9...40mm (0.35...1.57 in) mini.	45...60 °C (113...140 °F)
	40mm (1.57 in) mini.	> 60 °C (> 140 °F)



	(mm ²) AWG	(Inch) mm	(lb.In) N.m
	(1...2.5)	(5/16)	(15)
	18...14	8	1.7

⚠ WARNING

- Please read this documents carefully, before installation, configuration, or maintenance.
- All electrical installation and maintenance work should be carried out by qualified electricians.
- Turn off and lock out all power supplying to this device before installation or maintenance. Electric shock could result in serious injury to the operator or damage to the equipment.
- Recommend periodic self-trip test, especially for the product with R-type or Fail-safe OFF.

TECO
TECO Electric & Machinery Co., Ltd.
 15 Chungwa Road., Hsinchu Industrial Park,
 Hsinchu County 303, Taiwan R.O.C.
 TEL:886-3-5981711



<https://tecoie.teco.com.tw/>
Intelligence Energy