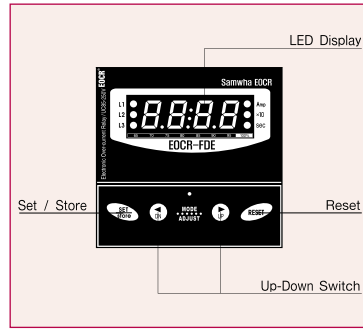




EOCR-FDE / FEZ



- MCU Based
- 3 Integral Current Transformers
- Over-current, Under-Current, Phase Loss, Phase Unbalance, Phase Reversal, Locked Rotor Protection
- Digital Ammeter & Trip cause indication
- Selectable Trip Time Characteristics
- Independently Adjustable Starting Trip Delay and Trip Time
- + Load Alerting Function → EOCR-FDE
- + Ground Fault Protection → EOCR-FEZ

Protection

EOCR-FDE		EOCR-FEZ	
Protective Item	Trip Time	Protective Item	Trip Time
Over-current	O-TIME	Over-current	O-TIME
Under-current	0.5~30 sec	Under-current	0.5~30
Phase Loss	3 sec	Phase Loss	3 sec
Phase Unbalance	8 sec	Phase Unbalance	8 sec
Phase Reverse	0.1~0.3 sec	Phase Reverse	0.1~0.3 sec
Locked Rotor	D-TIME	Locked Rotor	D-TIME
-	-	Ground Fault	0.05~10 sec

Specification

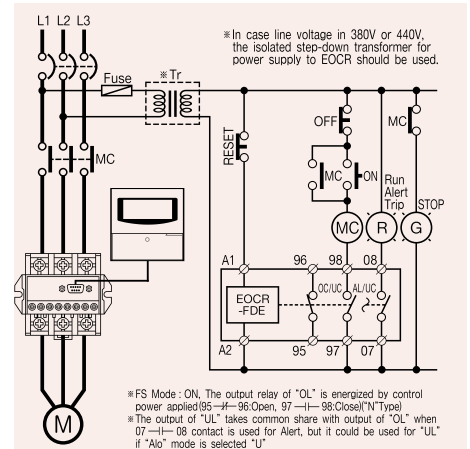
Model		EOCR-FDE		EOCR-FEZ	
Over Current Setting		Refer Table #1			
Ground Fault Current Setting		-		A: 0.02 ~ 3A / B: 0.2~10A	
Alert Setting		50 ~ 100% / OFF		-	
Start Time Setting (D-TIME)		1 ~ 200 sec			
Trip Time Setting (O-TIME)	INV	1 ~ 30			
	DEF	0.2 ~ 30 sec			
Control Voltage		24VAC/DC, 110VAC±15%, 220VAC±15%			
Contact Rating	OL	2-SPST		1-SPST	
	AL/GR	AL Relay		Ground Fault Relay	
	Rating	3A/250VAC Resistive			
Time Characteristic	In/“tc”mode	Inverse (See Curve-1)			
	dE/“tc”mode	Definite (See Curve-2)			
Troubleshooting / Trip Indication		LED Display (SSD+LED)			
Current Sensing		3-CT			
Mounting		35mm Din-rail			

★Caution The external CT should be used in case Inverse curve(tc In setting) is applied over 10Amps.

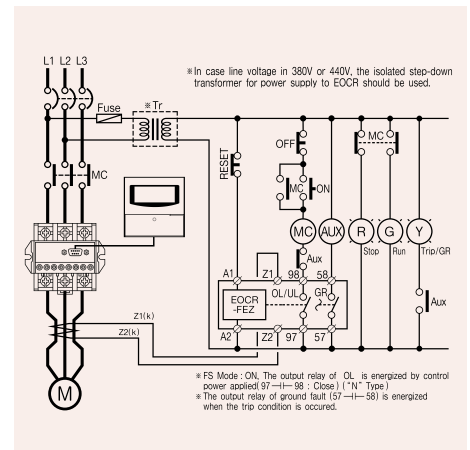
How to set

Mode	DN UP	Search a mode to be adjusted by depressing UP/DN mode switch.
Set	SET store	Selected mode and setting value start flickering which means to be ready to accept setting as pressing once Set/store button
Adjust	DN UP	Select a required setting value and/or characters by pressing continuously UP/DN mode switch until reaching what want to do.
Store	SET store	Store a selected value and/or characters by pressing once Set/store button Instantaneously the flickering is stopped.
Reset	RESET	After completing above procedure, make a reset to be ready to operate. If not made reset, it will be reset automatically after an elapse of 30sec.

Typical Wiring



EOCR-FDE



EOCR-FEZ