EOCR-3MZ/FMZ

EOCR-3MZ

EOCR-FMZ

- Compact Design
- 3MZ:Panel Mounting Type
- FMZ:Panel Flush Mounting Type
- MCU(Microprocessor Control Unit)&ASIC Based
- Three Integral Current Transformers
- Over current/Under current/Phase Loss/Phase Reversal/Phase Unbalace/Locked Rotor/Ground Fault
- Digital Ammeter
- Troubleshooting/Trip Cause Memory, Display
- Adjustable Operating Features by Pulse Rotary switch
- Wide Current Adjustment Range
- Selectable Time−Current Characteristics(Inverse/Definite)
- Manual Instantaneous/Electrical Remote Reset
- Precise Ground Fault protection
- Ambient Insensitive
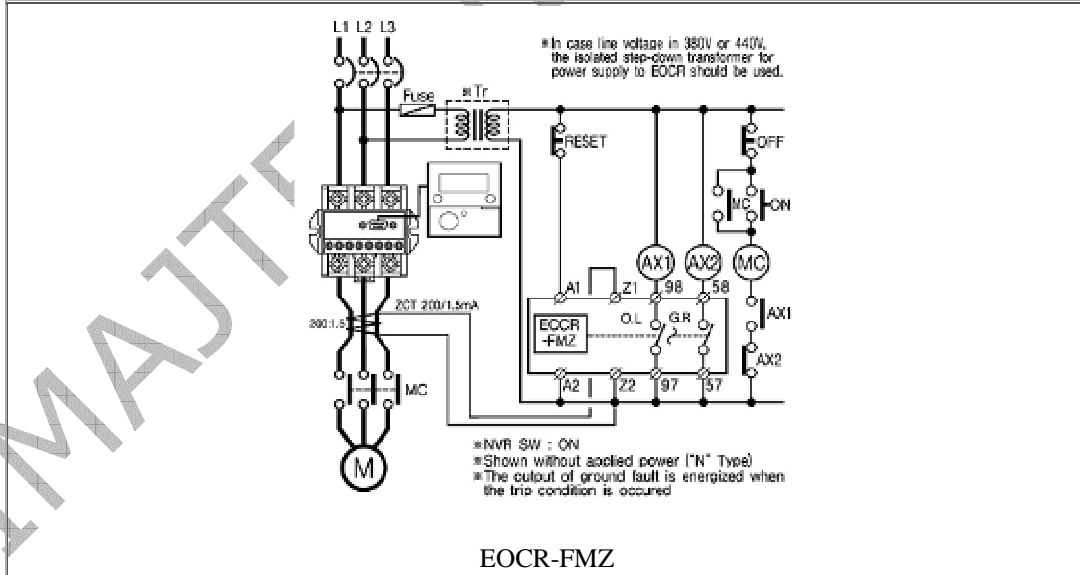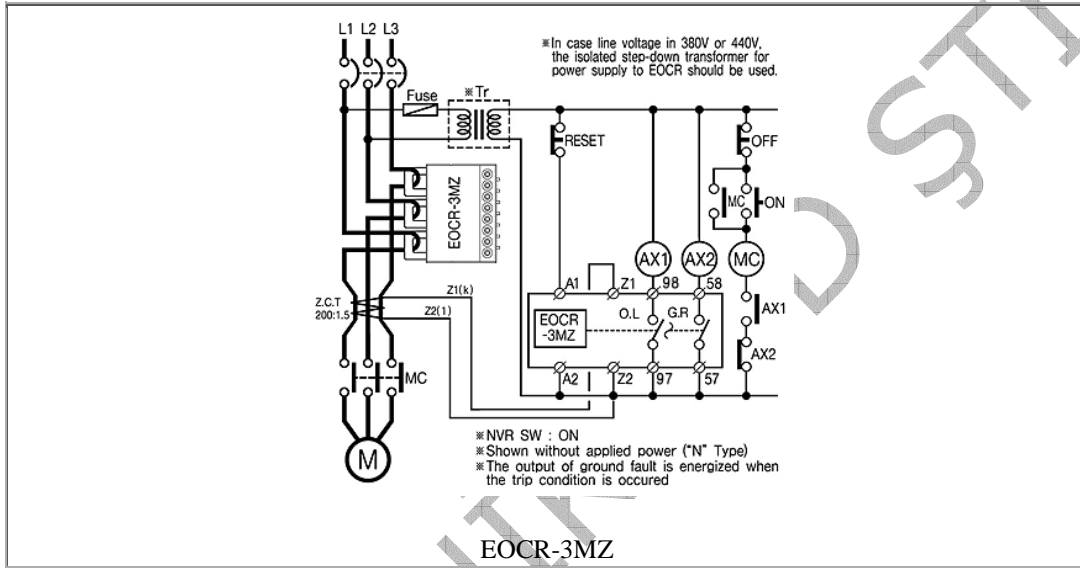- Selectable Fail−safe and Non−fail−safe Operation Modes

Protection

Protective Item		Trip Time
Over−current		DEF:0.2~30sec, INV:1~30
Undercurrent		0.5~30sec(DEF)
Phase loss		within 3sec
Phase Unbalance		0.1sec
Phase Reversal		8sec
Locked Rotor	Lock	0.5sec after dt
	stall	1~10sec

Specification

Model		3MZ/FMZ
Current Setting Range	Over−Current(oc)	0.1~800A(Over 60A with External CTs)
	Under−Current(uc)	0.5~under OC setting
	Ground Fault Current(Ec)	A:0.03~2.5A/B:0.5~10A
Time Setting	Starting Delay Time(dt)	OFF~200sec
	Over−Current Trip (ot)	DEF:0.2~30sec/INV:1~30
	Under−Current Trip (ut)	0.5~30sec(DEF)
	Ground Fault Trip Delay(Et)	0.1~10sec
Conrol Power	220	85~250VAC/DC, 50/60Hz
Output Relay	O.L	1−SPST,3A/250VAC, Resistive

		G.R	1-SPST,3A/250VAC, Resistive
Environment	Temperature	Store	−30 ~80 ℃
		Operation	−30 ~60 ℃
	Humidity		30~85RH, Non−condensation
Display	7−Segment LEDs		3 phase current, 3 Trip cause, Run time
	Bar−Graph		% of existing Current vs OC setting current
Mounting			35mm DIN−Rail

➡ Typical Wiring

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