

EOCR-3MS/FMS

EOCR-3MS



EOCR-FMS



- Compact Design
- 3MS:Panel Mounting Type
- FMS:Panel Flush Mounting Type
- MCU(Microprocessor Control Unit)&ASIC Based
- Three Integral Current Transformers
- Overcurrent/Phase Loss/Phase Reversal/Phase Unbalance/Locked Rotor/Short Circuit
- 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
- Fast Short Circuit protection
- Ambient Insensitive
- Selectable Fail-safe and Non-fail-safe Operation Modes

➔ Protection

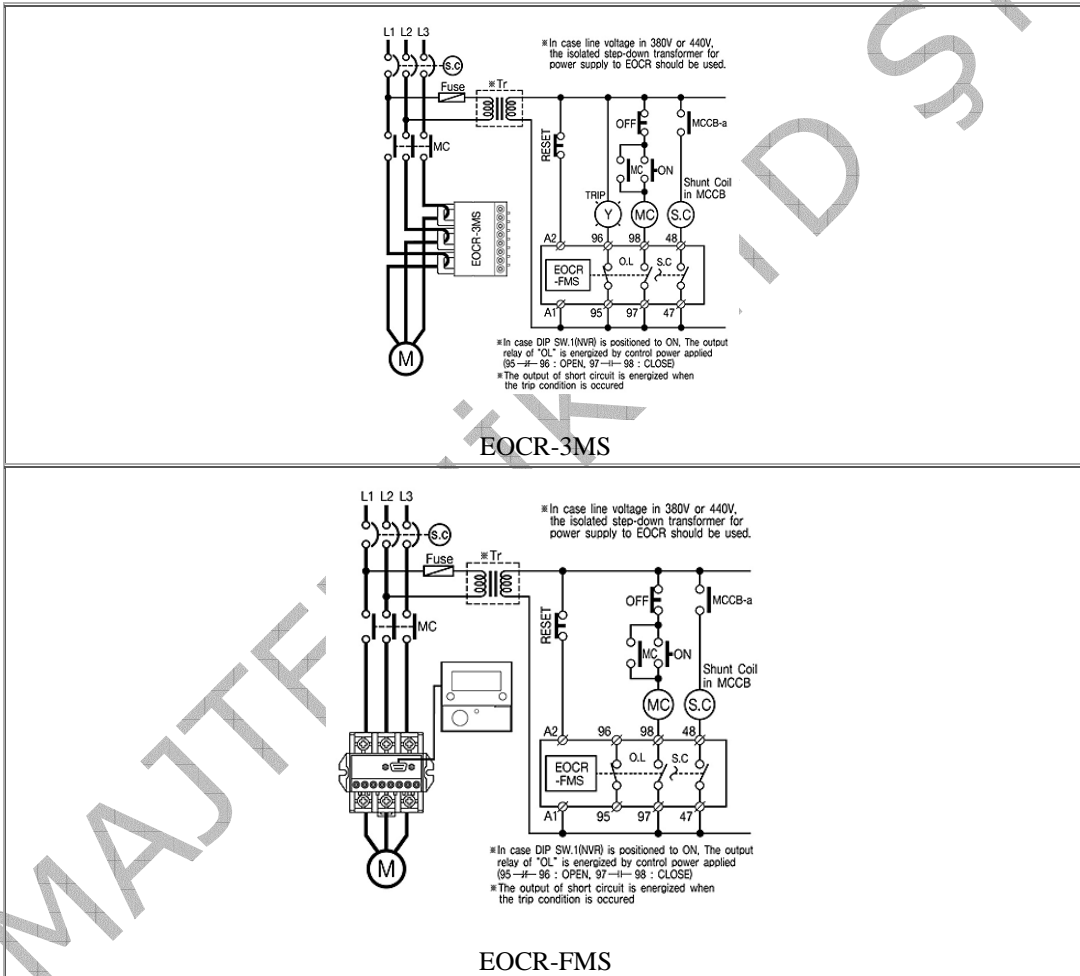
Protective Item	Trip Time	
Over-current	DEF:0.2~30sec, INV:1~30	
Undercurrent	0.5~30sec(DEF)	
Phase loss	within 3sec	
Phase Unbalance	0.1sec	
Phase Reversal	8sec	
Locked Rotor	Lock	0.5sec after dt
	stall	1~10sec

➔ Specification

Model		3MS/FMS
Current Setting Range	Over-Current(oc)	0.1~800A(Over 20A with External CTs)
	Under-Current(uc)	0.5~under OC setting
	Short Circuit (Sc)	300~1800% of set current
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)
Control Power	220	85~250VAC/DC, 50/60Hz

Output Relay	O.L	2-SPST, 3A/250VAC, Resistive	
	S.H	1-SPST, 3A/250VAC, Resistive	
Environment	Temperature	Store	-30 ~80 °C
		Operation	-30 ~60 °C
	Humidity	30~85%RH, Non-condensation	
Display	7-Segment LEDs	3 Phase current, 3 Trip causes, Run time	
	Bar-Graph	% of existing Current vs OC setting current	
	Mounting	35mm DIN-Rail	

Typical Wiring



İmaj Teknik Elektrik Elektronik San. ve Tic. Ltd. Şti.

EMEKYEMEZ MAH.TUTSAK SOK. NO: 16/13-14-15

KARAKOY/İSTANBUL
TURKEY

Telefon : +90 212 235 9535 / 36
Fax : +90 212 235 9537

www.imajteknik.com
www.imajteknik.com.tr