



## EOCR-3DS/FDS

### EOCR-3DS



- Compact Design
- MCU( Microprocessor Control Unit ) Based
- ASIC(Application Specific Integrated Circuit) Inside
- 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 DIP switch Setting
- Wide Current Adjustment Range

### EOCR-FDS



- Selectable Time-Current Characteristics(Inverse/Definite)
- Manual(Instantaneous)/Electrical(Remote)Reset
- Test Function
- Ambient Insensitive
- Selectable Fail-safe and Non-fail-safe Operation Modes



### Protection

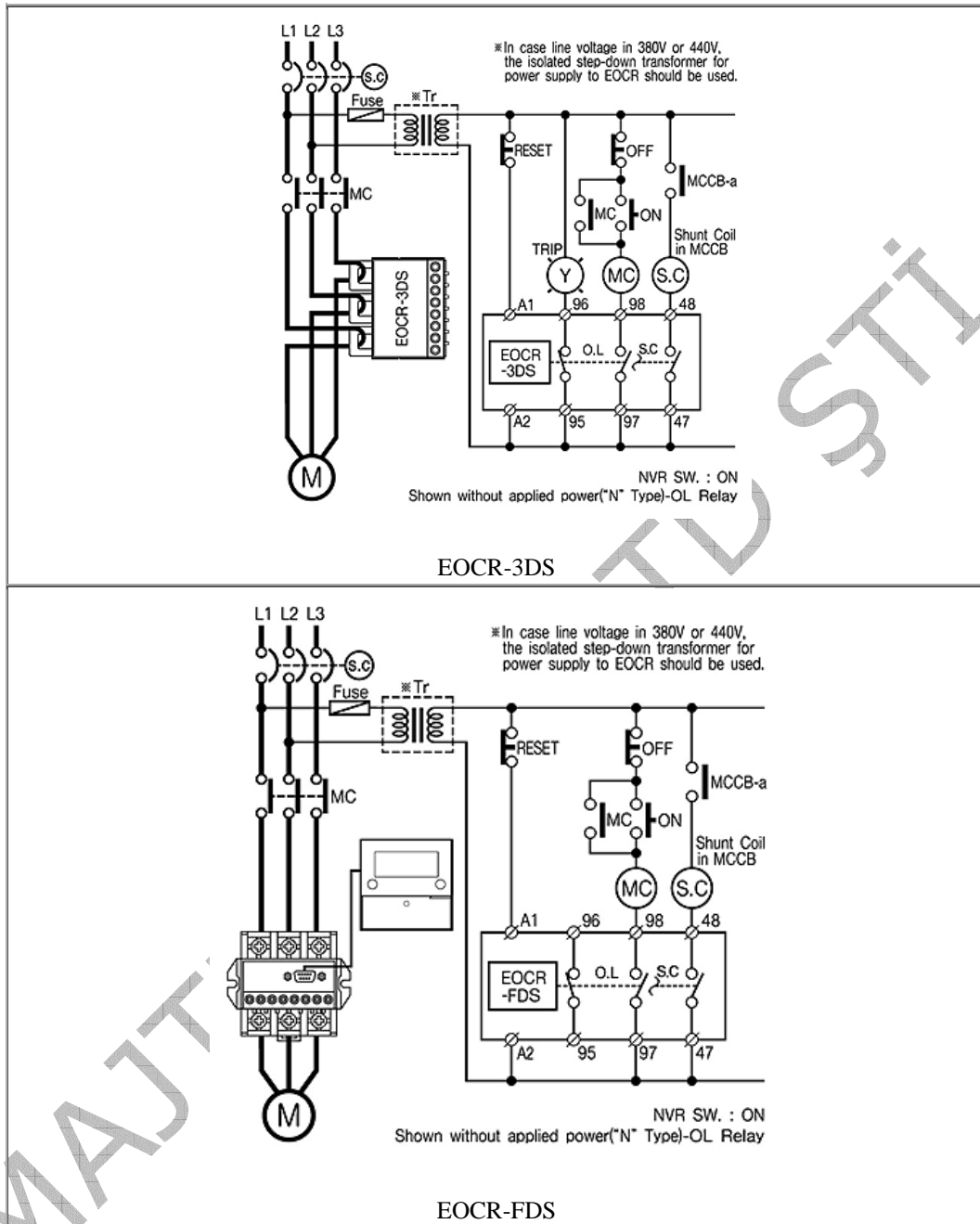
Protective Item	Trip Time
Over-current	DEF : 0.3 ~ 25sec INV : 1~30
Phase Loss	within 4sec
Phase Unbalance	8sec
Phase Reversal	0.1sec
Locked Rotor	DEF : within 0.5sec after dt INV : If D-Time=0sec Operating according to Cold-curve If D-Time=Over 0sec Operating according to Hot-curve after D-time set
Short Circuit	0.05sec

➤ Specification

Model		3DS	FDS
over Current Setting	Type	Setting Range	
	05	0.5 – 6/10A	
	20	5 – 20A	
	100	10 – 120A	With External CTs
	150	15 – 180A	
	200	20 – 240A	
	300	30 – 360A	
	400	40 – 480A	
	500	50 – 600A	
	600	60 – 720A	
Short Circuit –current Setting		05	300 – 1800%of Is
		20	300 – 1800%of Is
Start Delay Time Setting(D-TIME)	SW3-INV/On	0~200sec	
	SW3-DEF/Off	1~200sec	
Trip Time Setting (O-TIME)	SW3-INV/On	1-30	
	SW3-DEF/Off	0.3-25sec	
Control Voltage		85-250VAC/DC, 24VAC/DC	
Output Relay	O.L	2-SPST, 3A/250VAC	
	S.C	1-SPST, 3A/250VAC	
Time Characteristic	SW3-INV/On	Inverse	
	SW3-DEF/Off	Definite	
Troubleshooting/Trip Indication		LED Display	
Current Sensing		3-CT	

IM

Typical Wiring



[Download](#)



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