EOCR-SSD

Digtal Over-Current Relay

Protection

Protective Item	Trip Time	Description
Over-current	O-Time	Is＜In
Phase Loss	3sec	[(MAX - MIN) / MAX] × 100＞90
Locked Rotor	0.5sec after elapse dt	≥3times OC setting value

Specification

Over-current Setting	Current	05	0.5 ~ 6A
		30	3 ~ 30A
		60	10 ~ 60A
	Starting delay time	D-Time	1 ~ 30sec
	Trip time	O-Time	0.5, 1 ~ 10sec
Reset			Manual / Electrical
Operating t-c characteristic		Over-current	Definite
Tolerance		Current	I<1A : ±0.05A, I≥1A : ±5%
		Time	t≤3S : ±0.2s, t>3s : ±5%
Environment	Temperature	Operation	-20℃~60℃
		Store	-30℃~80℃
	Humidity		30~85% RH non-condensing
Control Power			• 110 : 110VAC±15%, 50/60Hz
			• 220 : 220VAC±15%, 50/60Hz
			• 440 : 440VAC±15%, 50/60Hz
			• 24 : 240VAC/DC
Contact Rating		2-SPST	3A / 250VAC , Resistive
Insulation	Between casing and circuit		Over 10㏁, DC500V
Dielectric Strenghth	Between casing and circuit		2000VAC 60Hz, 1min
	Between open contacts		1000VAC 60Hz, 1min
	between circuit		2000VAC 60Hz, 1min
Installation			35mm Din Rail or Panel Mounting

- **MCU(Micro Controller Unit) based / 2-CT Type**
- **Real Time Processing / Higher Preceision**
- **Current Setting Renge - 05Type : 0.5 ~ 6A / 30Type : 3 ~ 30A / 60Type : 10 ~ 60A**
- **Digital display : trip cause / easy troubleshooting**
- **Reset : Manual (instantaneous) / Electrical (remote)**
- **Load selection by DIP switch : Single phase(1P) / Three phase(3P)**
- **Fail safe(N) / Non-fail safe(R)**