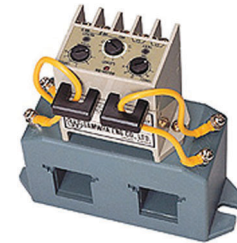


2-Phase Sensing Overcurrent Relays

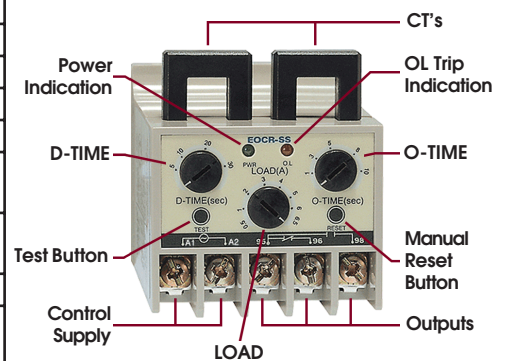
Summary Table

MODEL		EOSS	EOAR	EOS	ECLH
Time Characteristics	Definite Time	●	●		●
	Inverse Time			●	
Protection Functions	Over-Current	●	●	●	●
	Phase Loss	□	□		□
	Locked Rotor	□	□		□
	Short Circuit			●	
Other Features	Auto Reset Timer		●		
	Separate Start Timer	●			
	Shear-Pin Function	●			
Wiring & Mounting	Fine Load				●
	Pass-Thru CT	●	●	●	●
	Contact Mount				
Technical Specifications	DIN Rail Mount	●	●	●	●
	Processor	Solid State Circuitry			
	Control Voltage	90 ~ 260V AC		200 ~ 240V AC	
	Rated Voltage	Max 600V AC			
	Output Contacts	SPDT			
	Mode & Rating	3A @ 250V AC (resistive)			
	Fail Safe Operation	"No Volt Release"			
	Trip Indication	LEDs			
	Reset Method	Manual Reset Button or Electrical (remote) Reset by interrupting power supply (EOAR also has auto-reset facility)			

Model EOSS - Definite Time, Shear-Pin



EOSS 100
(EOSS 052 with external CT's)



Model EOSS - Definite Time, Shear-Pin

Applications

Ideal for situations where motor loads can be stalled or jammed (eg. Conveyors).

Features

- Electronic shear-pin function
- Separate adjustable starting and operating trip delay timers
- DIN rail and stand alone mounting
- Dimensions: 66H x 72W x 60D mm

PART NUMBER	CURRENT RANGE	TRADE PRICE
EOSS 0524 ①	0.5 ~ 6.5A	
EOSS 052	0.5 ~ 6.5A	
EOSS 302	3 ~ 30A	
EOSS 602 ②	6 ~ 60A	
EOSS 100 ③	20 ~ 100A	
EOSS 200 ③	40 ~ 200A	

Notes: ① EOSS 0524 has 24Vac/dc supply voltage. All other models are 90~260Vac. Other supply voltages available on request.
 ② Cable size maybe a limiting factor for 60A models.
 ③ Supplied with a 2CT module (see EOSS 100 image).
 - For ranges over 60A, use EOSS 052 with external CT's.

Model EOSSD - Shear-Pin



Features

- MCU (micro controller unit) based / 2-CT type
- Real time processing / Higher precision
- Current setting range: 0.5~6A, 3~30A, 10~60A
- Digital display: Trip cause / Easy troubleshooting
- Reset: Manual (on relay) / Electrical (remote)
- Load selection by DIP switch: 1 phase / 3 phase
- Fail safe (N) / Non-fail safe (R)

Specifications

- Starting Delay Time - D-TIME: 1~30 sec
- Trip Time (overcurrent) - O-TIME: 0.2~30 sec
- Tripping Characteristic: Definite Time
- Output Relays: Trip 1NC, Alarm 1NO (2x SPST)
- Mounting: 35mm Din rail or direct panel mount

PART NUMBER	CONTROL SUPPLY	CURRENT RANGE	TRADE PRICE
EOSSD 0524	24V AC/DC	0.5 ~ 6A	
EOSSD 3024	24V AC/DC	3 ~ 30A	
EOSSD 6024	24V AC/DC	10 ~ 60A	
EOSSD 052	230V AC	0.5 ~ 6A	
EOSSD 302	230V AC	3 ~ 30A	
EOSSD 602	230V AC	10 ~ 60A	