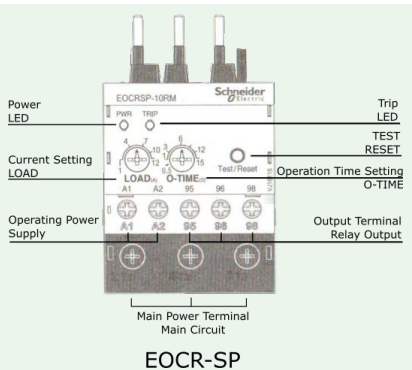


EOCR-SP

Micro electronic over current relay designed to be directly coupled with magnetic contactors



- Built-in MCU (Microprocessor Control Unit)
 - Can be directly coupled with all domestic/imported magnetic contactors (MC)
 - Various protection functions
 - Operating current check: Red LED
 - Operation display and trip cause check: Red/Green LED
 - Manual (instant)/electrical (remote) reset
 - Strong environmental resistance
 - Super energy-saver
 - No-voltage release/Fail-safe operation→ N type
- ※ SP is single-phase/3-phase compatible



Protection Functions and Characteristics

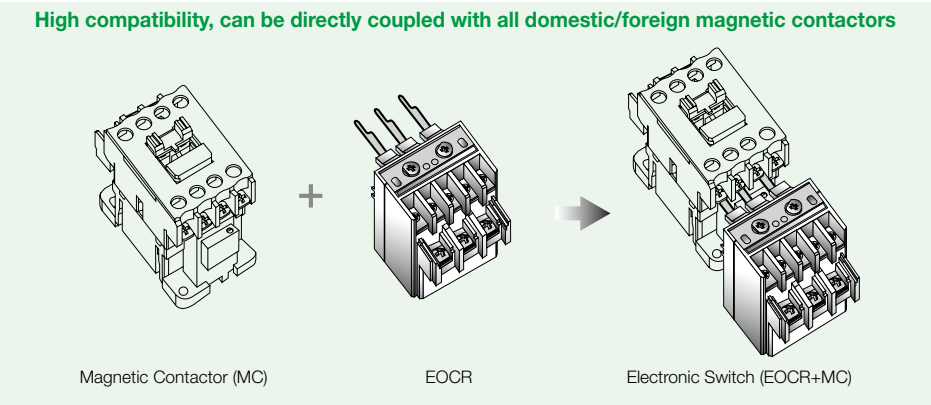
Model	Type	Protection Function			Operation Characteristics	Time Setting	
		Over Current	Phase Loss	Locked Rotor		Start Delay	Operation Time
SP	10, 20	○	△	△	Definite	×	0.5~15 sec

- Phase loss and locked rotors protection for SP are operated by over current.

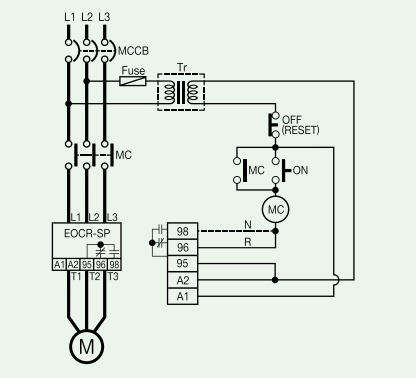
Trip Cause Check

Condition		LED Signal		
		PWR (Green)		TRIP (Red)
Power on	Lights-on			Lights-out
Normal operation	Lights-on			Lights-out
Over-current	Lights-on			Lights-on
Trip	Lights-out			Lights-on

High compatibility, can be directly coupled with all domestic/foreign magnetic contactors



EOCR-SP

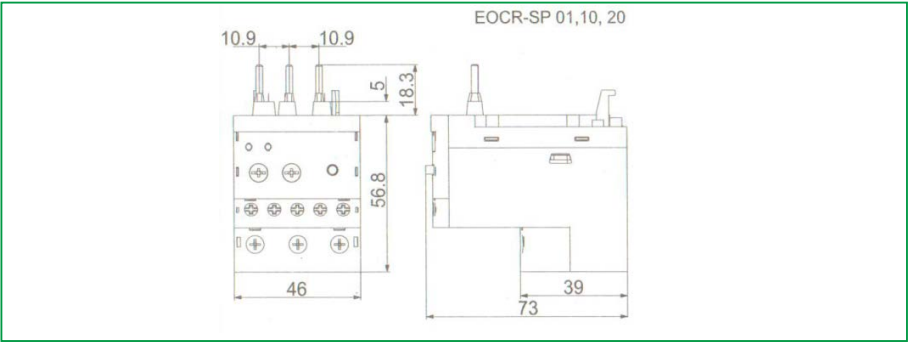


EOCR-SP

Specifications

Current Setting		Type	Setting Range	
		10	1~12A	SP
		20	5~25A	SP
Time Setting	Operation Time	O-TIME	Protection Functions and Characteristics	
Reset			Manual (instant)/electrical reset	
Operation Time Characteristic			Definite	
Operation Display			LED Lamp (trip cause check, see p.233)	
Operating Power Supply	Voltage	SP (10,20)	N Type : AC220V	
	Frequency		50/60Hz	
Auxiliary Contact	SP	SPDT (1c)	AC250V/3A resistive load	
Attachment			Electric Contactor (direct-coupled)	

※ "N"(Fail safe) Type converts 95-96 to open and 97-98 to close when operating power is supplied to A1 and A2 (or L1 and L2).



EOCR-SP