

EOCR_DCL/DUCR



- Direct Current Overcurrent Relay for DC Motor and Machineries.
- The milli-volt (mV) signals generated from the Shunt are sensed by solid state circuitry and compared with preset overload setting. In case sensing overload condition, the internal relay switches contact after the preset delay. It has easier control operation. It has DC Overload and DC Underload protection relays.
- It has wide DC current protection range from 1A to hundred Amps.
- DC Current Meter maybe used instead of Shunt.
(DC Current Meter has its own shunt inside and keep 50mV maintained.)

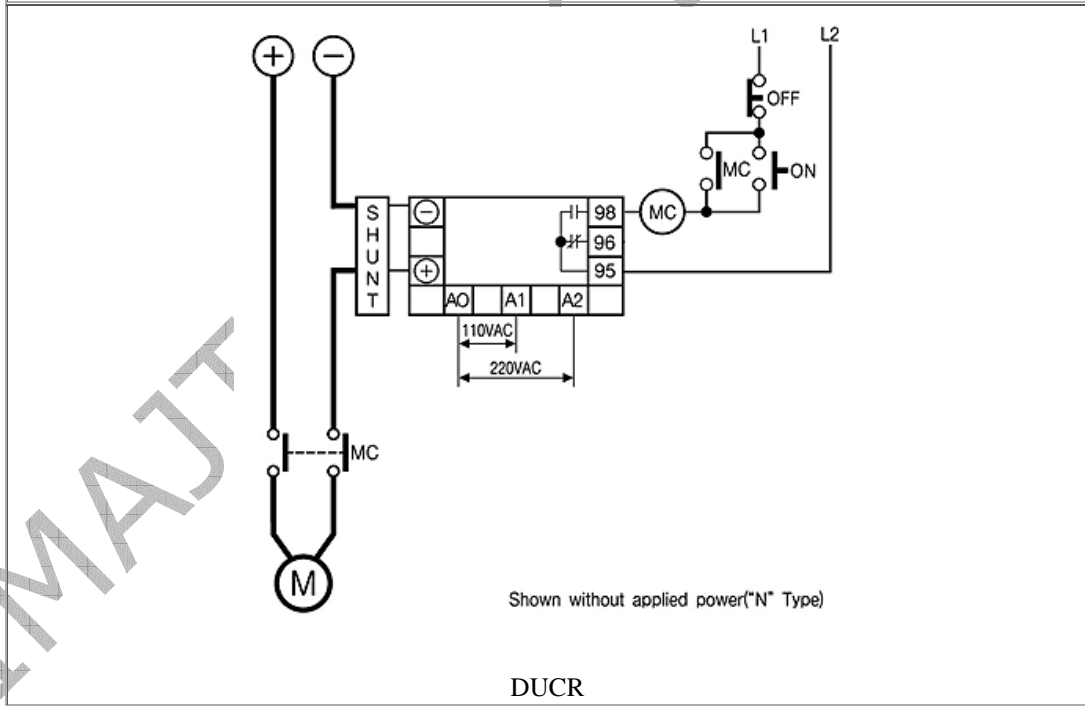
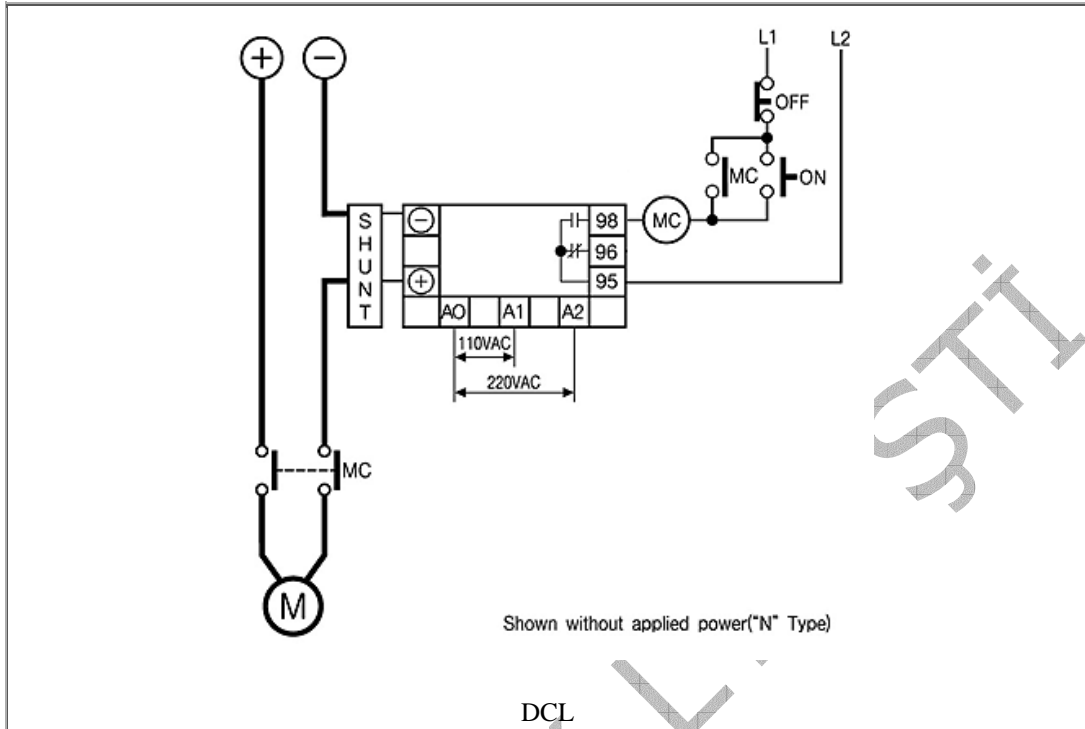
Protection

Protective Item	Trip Time	
	DCL	DUCR
Over-current	O-TIME	-
Undercurrent(Dry-		O-TIME

Specification

Current Setting	Type	DCL		DUCR		
		DC Over-current Relay		DC Under-current Relay		
	70		Secondary Voltage of Shunt			
Trip Time Setting		O-TIME	30sec			
Reset		M	Manual(Instantaneous)/Electrical(Remote)			
		A	Aoto(Instantaneous)/Reset(Optional)			
Power Supply	Voltage	24	100/220VAC		Other Voltage(Optional)	
		110	380/440VAC			
	Frequency		50/60Hz			
Indication		LED				
Operating(Trip) Indication		N	Normally Energized			
		R	Normally De-Energized			

➔ Typical Wiring



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