



ANLY CONTROLLER

EP4-1 MULTI FUNCTION DIGITAL VOLTAGE RELAY



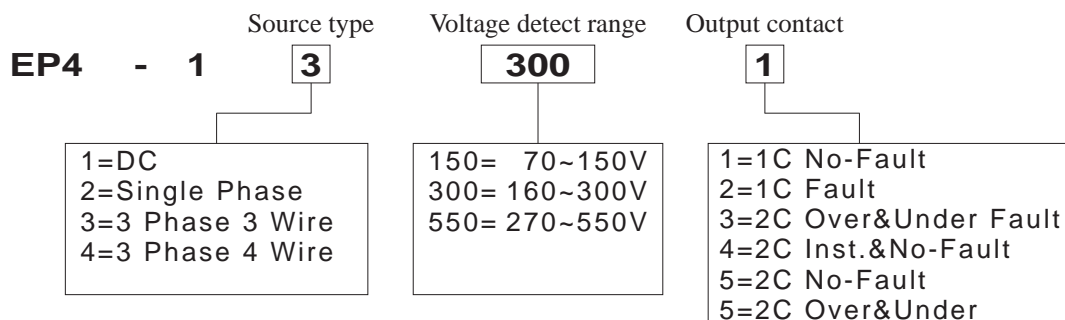
CHARACTERISTIC :

- Digital voltage indicator and fault detector
- Over voltage detection with 0.1sec~120sec tripping delay
- Under voltage detection with 0.1sec~10sec tripping delay
- Phase-loss detection with 2sec fixed tripping delay
- Phase sequence detection with 0.5sec fixed tripping delay
- 3-phase voltage balance($\pm 5\%$) detection with 3sec fixed tripping delay
- Phase-loss detection with active motor
- Manual / Auto Reset selectable - 1sec or 5sec auto reset tripping delay

SPECIFICATION :

Operating voltage	AC/DC(V): 100 - 240
Allowable operating voltage range	85 ~ 110% of rated operating voltage
Rated frequency	50 / 60 Hz
Detecting method	Detect 3-phase supply voltage
Reset time	1S / 5S
Contact rating	250VAC 5A (resistive load)
Power consumption	Approx. 3.3VA
Life	Mechanical: 5,000,000 times Electrical: 100,000 times
Ambient temperature	-10 ~ +50°C (without condensation & freezing)
Ambient humidity	MAX 85%RH (without condensation)
Altitude	MAX 2000m
Weight	Approx. 130g

TYPE SELECTION :

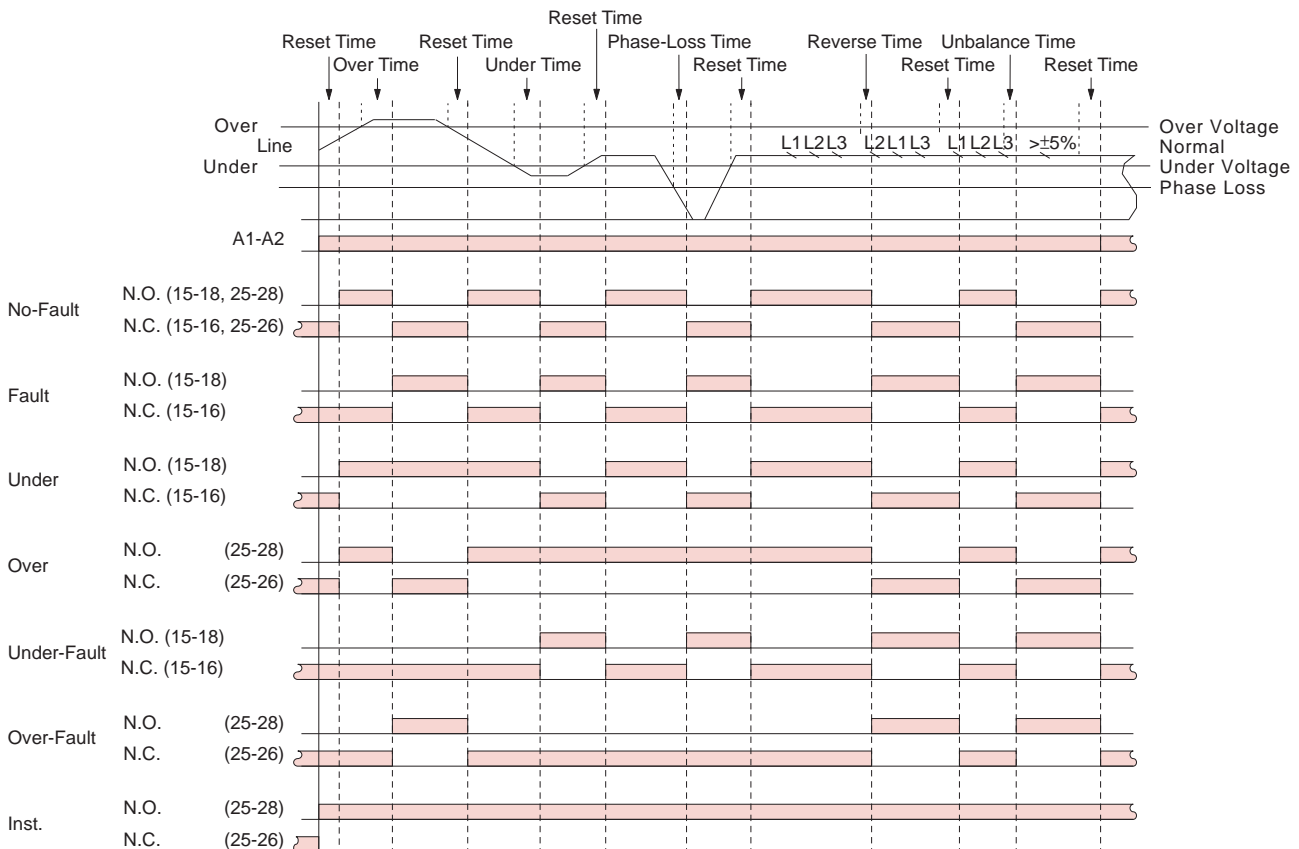


Note: Some restrictions apply, please see Table 1.

Voltage type		DC Type	Single Phase	3 Phase 3 Wire	3 Phase 4 Wire
			EP4-11----	EP4-12----	EP4-13----
Voltage detect range	70~150V	EP4-11150-	EP4-12150-	EP4-13150-	-
	160~300V	EP4-11300-	EP4-12300-	EP4-13300-	EP4-14300-
	270~550V	-	EP4-12550-	EP4-13550-	EP4-14550-

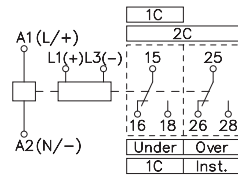
Output contact	1C No-Fault	1C Fault	2C Over&Under Fault
	EP4-1----1	EP4-1----2	EP4-1----3
	2C Inst.&No-Fault	2C No-Fault	2C Over&Under
	EP4-1----4	EP4-1----5	EP4-1----6

TIMING CHART :

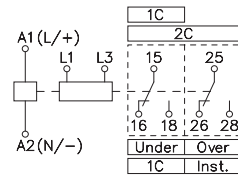


CONNECTION :

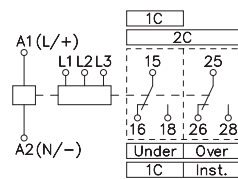
DC Type



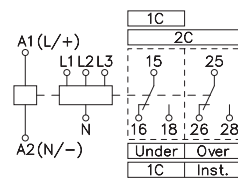
Single Phase



3 Phase 3 Wire

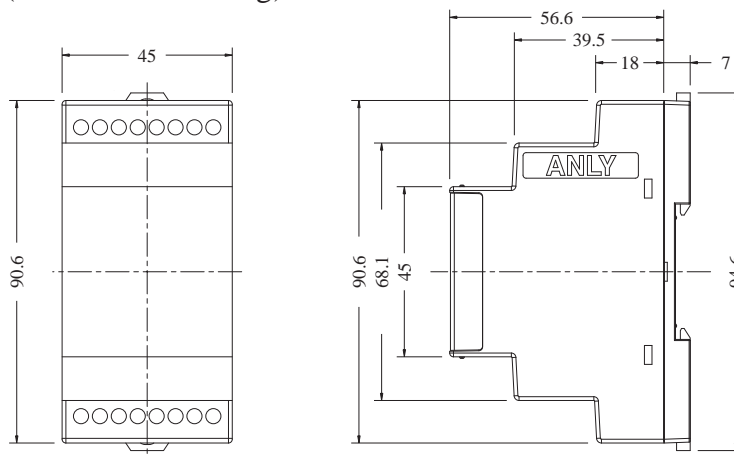


3 Phase 4 Wire



DIMENSIONS : (mm)

N type(Surface Mounting):



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<http://www.anly.com.tw>

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