



ANLY CONTROLLER

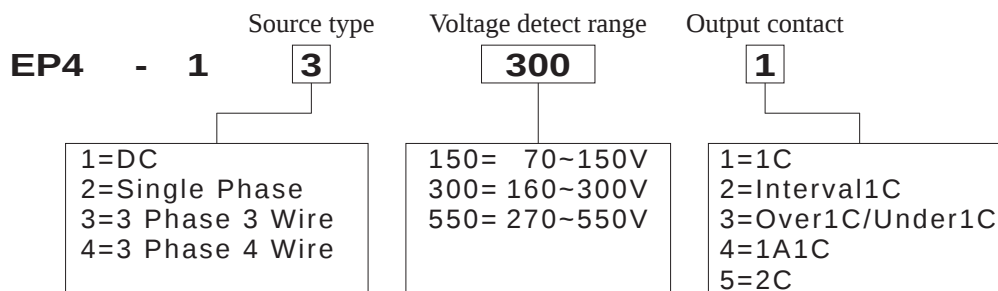
EP4-1 MULTI FUNCTION DIGITAL VOLTAGE RELAY



CHARACTERISTIC :

- Digital voltage indicator and fault detector
- Over voltage detection with 0.1sec~10sec 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

TYPE SELECTION :



Note: Some restrictions apply, please see Table 1.

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
Display	Display resolution $\pm 1\%$
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
Ambient humidity	MAX 85%RH
Weight	Approx. 130g

Table 1:

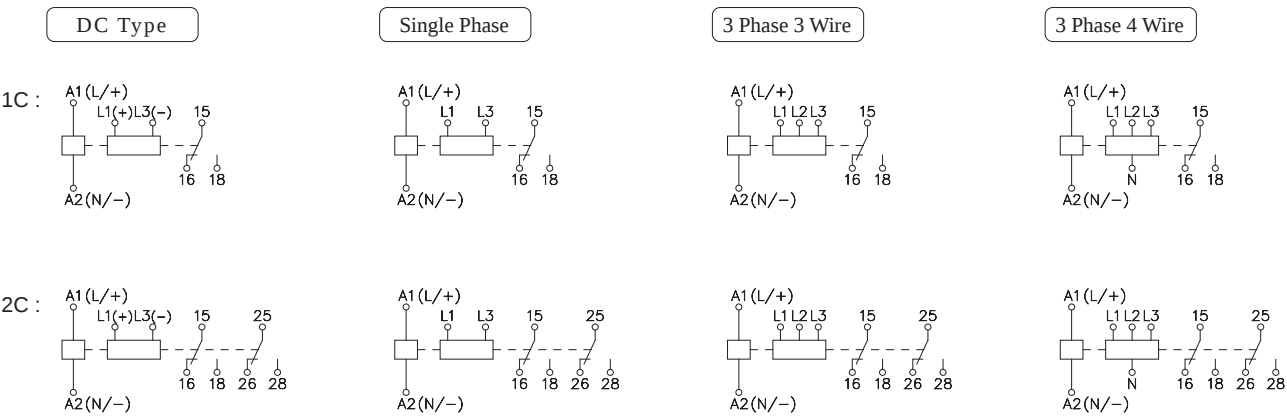
Source type		DC Type	Single Phase	3 Phase 3 Wire	3 Phase 4 Wire
		EP4-11----	EP4-12----	EP4-13----	EP4-14----
Voltage detect range	70~150V	EP4-11150-	EP4-12150-	EP4-13150-	-
	160~300V	EP4-11300-	EP4-12300-	EP4-13300-	EP4-14300-
	270~550V	-	EP4-12550-	EP4-13550-	EP4-14550-

Table 2:

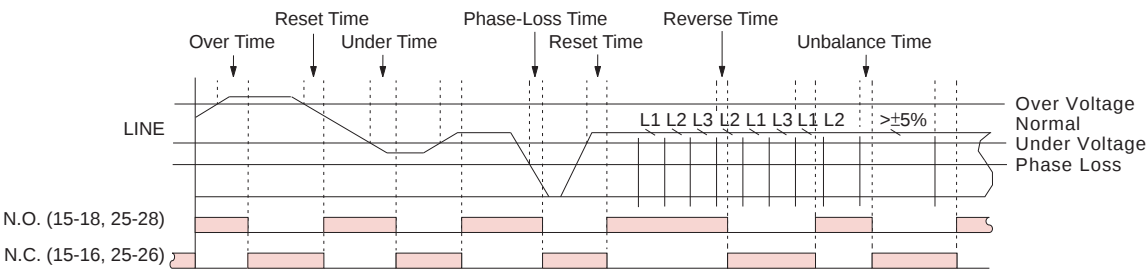
Output contact	1C	Interval 1C	Over 1C/Under 1C*	1A1C	2C
	EP4-1---1	EP4-1----2	EP4-1----3	EP4-1----4	EP4-1----5

*Over 1C terminals are 25,26,28; Under 1C terminals are 15,16,18

CONNECTION :

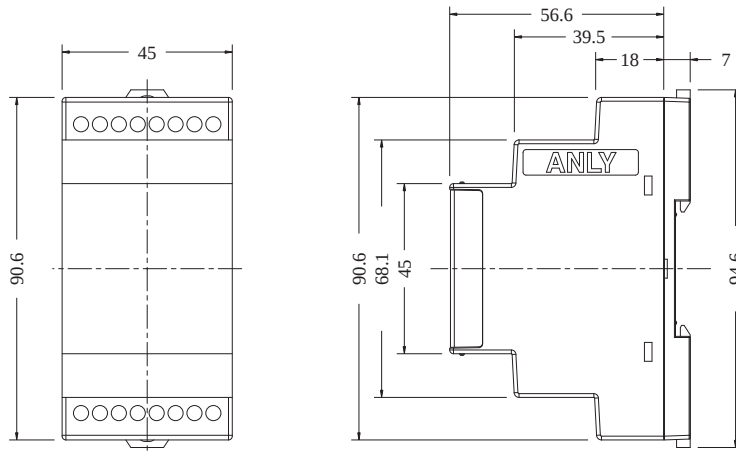


TIMING CHART :



DIMENSIONS : (mm)

N type(Surface Mounting):



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

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