



# ANLY CONTROLLER

## AVM MONITORING & PROTECTION RELAY



### CHARACTERISTIC :

- Protect against :
  - Over Voltage (5% ~ 20%)
  - Under Voltage (5% ~ 20%)
  - Phase Reversal
  - Phase Loss
  - Phase Unbalance ( $\pm 20\%$ )
- Phase Loss is monitored at start-up and while operating
- Fixed 3 second delay for Phase Unbalance

### SPECIFICATION :

Operating voltage	AC(V): 220, 240, 380, 415, 440
Allowable operating voltage range	$\pm 5\% \sim \pm 20\%$ of rated operating voltage
Rated frequency	50 / 60 Hz
Detecting method	Detect 3-phase supply voltage
Reset time	MAX 2S
Contact rating	250VAC 5A (resistive load)
Power consumption	Approx. 2VA
Life	Mechanical: 5,000,000 times Electrical: 100,000 times
Ambient temperature	$-10 \sim +50^{\circ}\text{C}$ (without condensation & freezing)
Ambient humidity	MAX 85% RH (without condensation)
Altitude	MAX 2000m
Weight	Approx. 210g

### TYPE SELECTION :

Type	3-Phase 3-Wire		1-Phase 2-Wire	
Standard	AVM-NK	AVM-YK	AVM-NS	AVM-YS
APR-3 Compatible	AVM-NR	AVM-YR	----	----

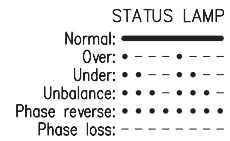
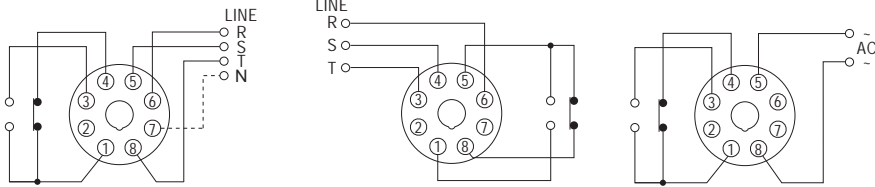
## CONNECTION :

## INDICATOR :

AVM-□K

AVM-□R

AVM-□S

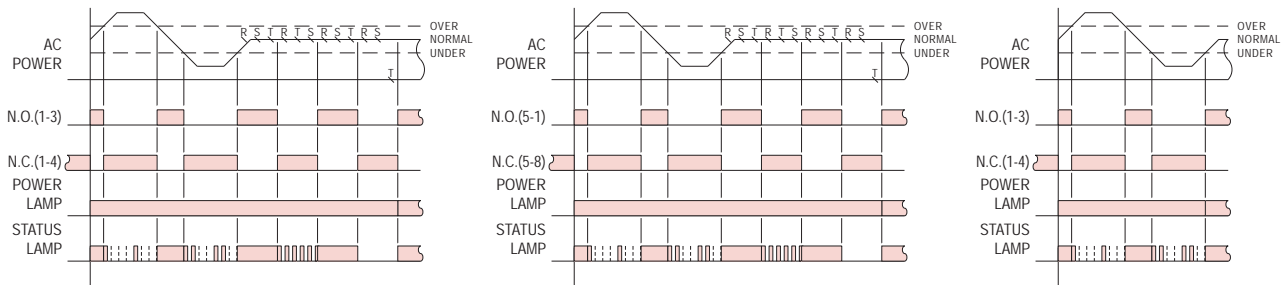


## TIMING CHART :

AVM-□K

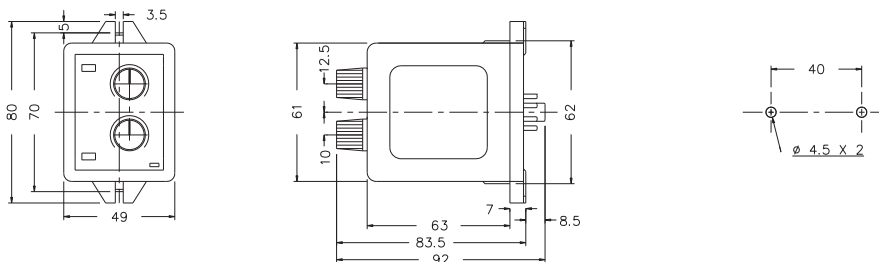
AVM-□R

AVM-□S

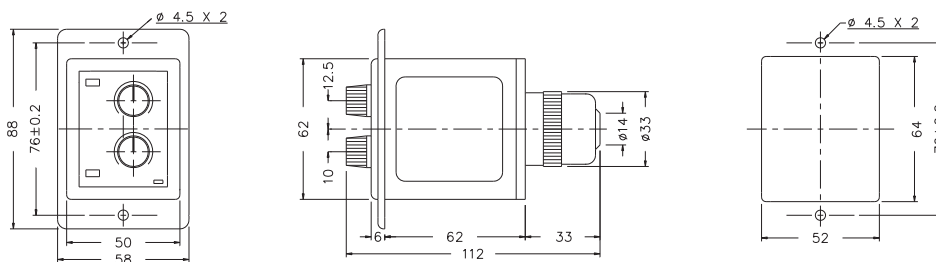


## DIMENSIONS : (mm)

N type(Surface Mounting): Using 8PFA Socket



Y type(Flush Mounting): Using US-08 Socket or P3G-08 Socket



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