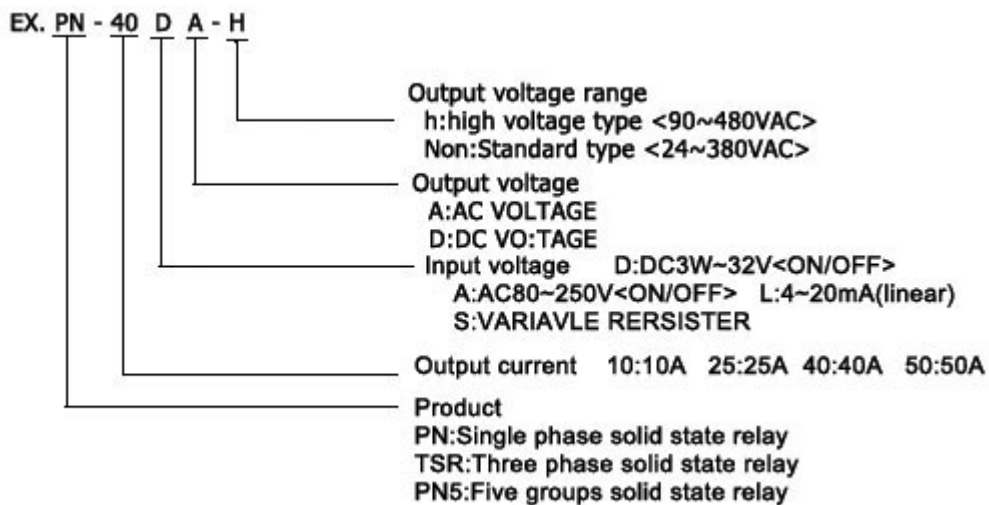


Application :

- High reliability by S.M.T & TQC.(Surface Mounting Technology)
- High Isolation over than 50MQ/500VDC
- High dielectric over than 2.5KV
- Low enable current less than 7.5mA/12VDC CMOSIC or TTL Compatible.
- Low EMI/EFI& surge by Zeero cross Trigger Method.
- High surge current duration,over 10 Times of rated current/one cycle.
- High surge voltage duration by snubber circuit.



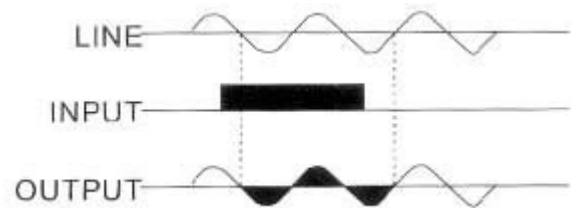
Guiding of Model :



Control Method :

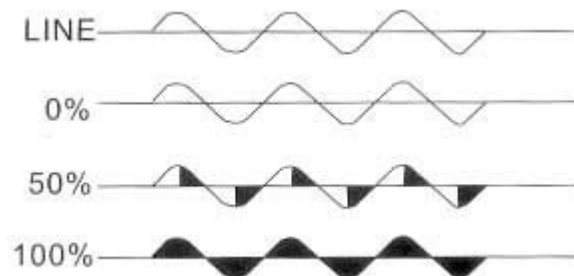
Zero Cross Trigger Method

Output TURN ON or TURN OFF only on zero cross point of sine wave,may avoid surge or EMI/RFI occurring.
 Specially suited to control resistive,capacitive and Non-saturated inductive loads

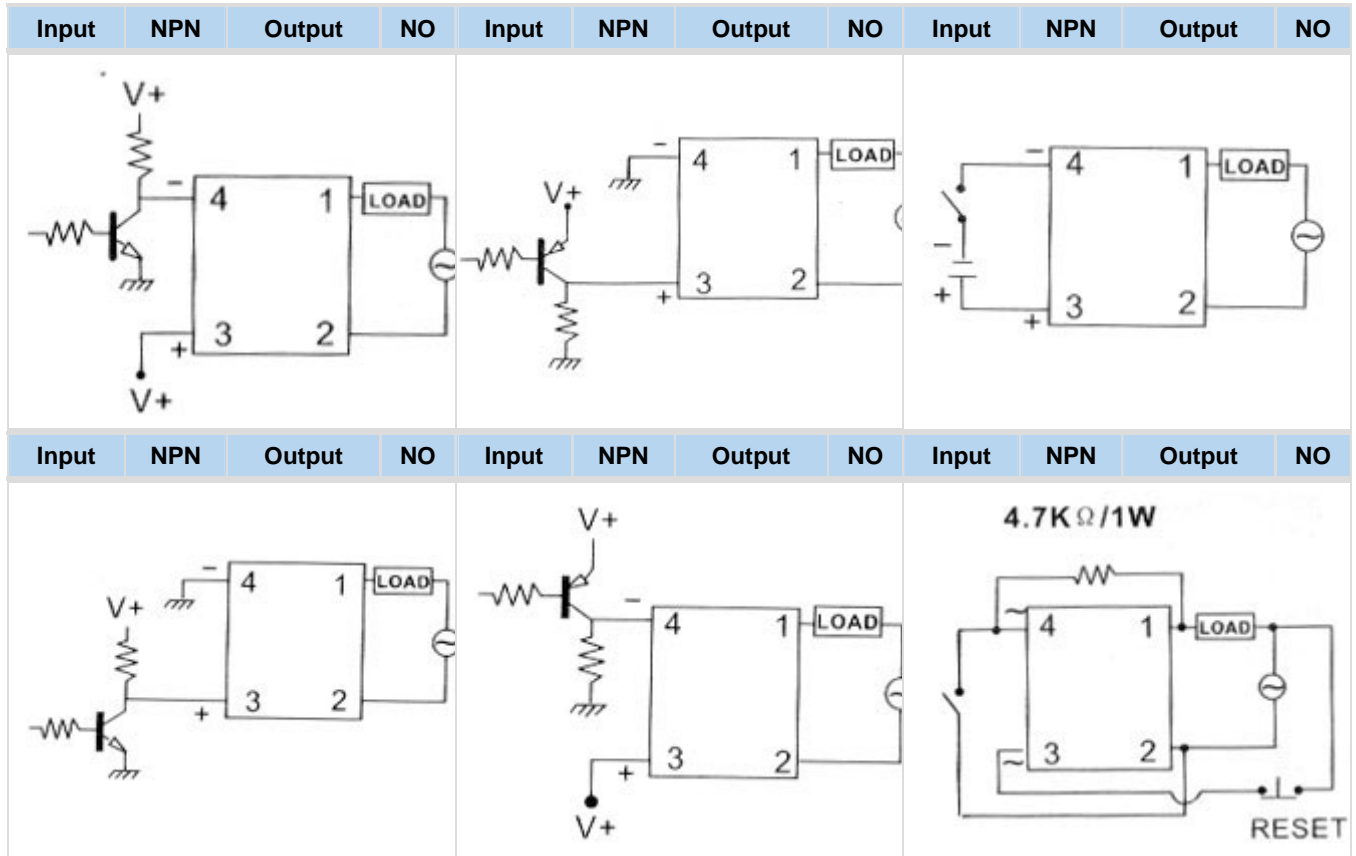


Variable resistance control method

Power output is controlled by the trigger angle of triac with variable resistor 250KQ/110VAC,500KQ/220VAC



Application Hints :



Type	Standard type			PCB type
	PN-10DD	PN-25DD	PN-40DD	PN-05DD
Rated load current	10A	25A	40A	5A
Input voltage	3-32VDC			
Min. on/off voltage	ON>2.4V, OFF<1.0V			
Trigger current	7.5mA/12V			
Control method	Isolated by photocouple			
Operating voltage	5-110VDC			5-110VDC
Min. black voltage	500VDC			
Voltage drop	1.0V/25°C			
Max. durated current	30A	75A	120A	30A
Leakage current	≤ 0.8mA			
Response time	1ms			
Dielectric strength	Over 2.5KVAC/ 1min.			
Isolation strength	Over 50M/500VDC			
Operating temperature	-20°C~+80°C			
Housing Material	Intensive ABS			
Weight	105G			

