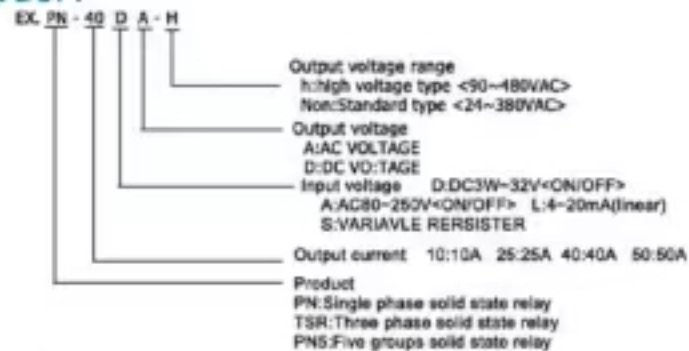


Application :

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 :

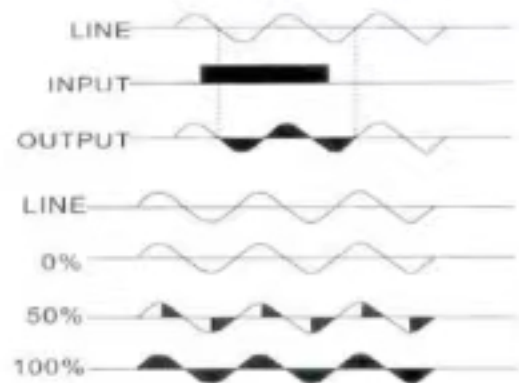


AC-AC Three Phase

Control Method :

Zero Cross Trigger Method

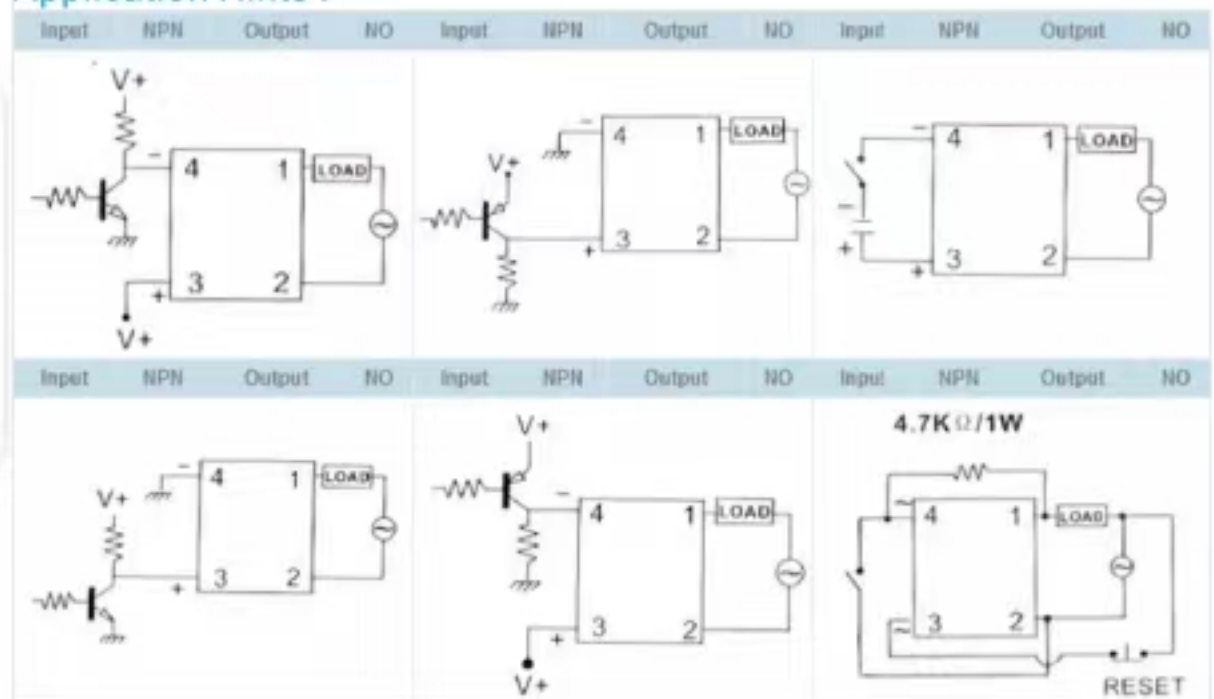
Output TURN ON or TURN OFF only on zero cross point of sine wave,may avoid surge or EMI/RFI occurring.
 Specially suited to control resistive, capacitive and Non-saturated inductive loads



Variable resistance control method

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

Application Hints :



AC-AC Three Phase



AC-AC Three Phase

Type	Standard type				High voltage type			
Model	TSR-15AA	TSR-25AA	TSR-40AA	TSR-75AA	TSR-15AA-H	TSR-25AA-H	TSR-40AA-H	TSR-75AA-H
Rated load current	15A	25A	40A	75A	15A	25A	40A	75A
Input voltage	80-250VAC, 50/60Hz							
Min. on/off voltage	ON>45V, OFF<35V							
Trigger current	5.0mA/110V max.							
Control method	Zero cross trigger							
Operating voltage	24-380VAC				90-480VAC			
Min. block voltage	600VAC							
Peak voltage	Over 1200V							
Max. duration current	175A	275A	410A	820A	175A	275A	410A	820A
Leakage current	12.5mA@380V				15.5mA@440V			
Response time	ON<20ms/OFF<20ms							
Dielectric strength	Over 2.5KVAC/1min.							
Isolation strength	Over 50M/500VDC							
Operating temperature	-20℃~+80℃							
Weight	390G							

Dimension and connection diagram :

