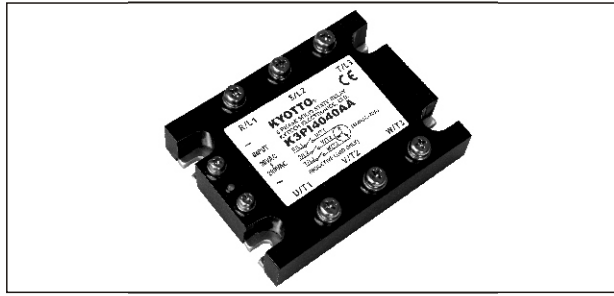


## AC SOLID STATE RELAY

**K3P40R25AA-2L    K3P40R75AA-2L**  
**K3P40R40AA-2L    K3P40R90AA-2L**  
**K3P40R50AA-2L    K3P40R100AA-2L**

**(INDUCTIVE LOAD ONLY)**  
**3 PHASE SERIES**

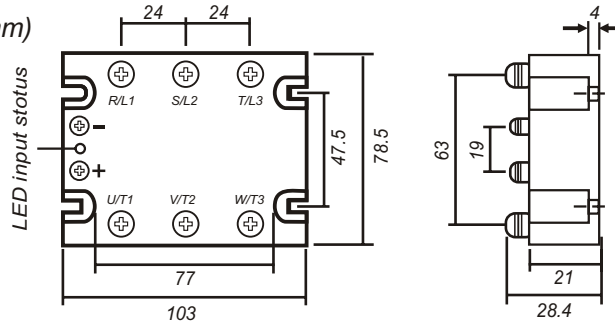


### SPECIFICATIONS

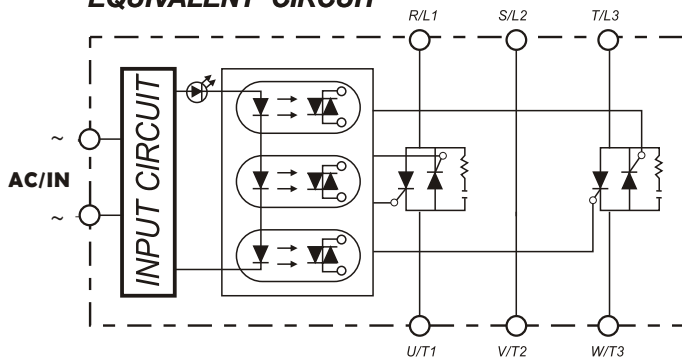
MODEL NO.	CONTROL VOLTAGE RANGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	MAX LOAD CURRENT	LOAD VOLTAGE RANGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
K3P40R25AA-2L	80~280VAC	MAX9.5VDC	1.5Kohm	25A	48~480VAC	1200VAC	LESS 10 mA	47~63HZ	250A
K3P40R40AA-2L	80~280VAC	MAX9.5VDC	1.5Kohm	40A	48~480VAC	1200VAC	LESS 10 mA	47~63HZ	400A
K3P40R50AA-2L	80~280VAC	MAX9.5VDC	1.5Kohm	50A	48~480VAC	1200VAC	LESS 10 mA	47~63HZ	500A
K3P40R75AA-2L	80~280VAC	MAX9.5VDC	1.5Kohm	75A	48~480VAC	1200VAC	LESS 10 mA	47~63HZ	750A
K3P40R90AA-2L	80~280VAC	MAX9.5VDC	1.5Kohm	90A	48~480VAC	1200VAC	LESS 10 mA	47~63HZ	900A
K3P40R100AA-2L	80~280VAC	MAX9.5VDC	1.5Kohm	100A	48~480VAC	1200VAC	LESS 10 mA	47~63HZ	1000A

MODEL NO.	MAX OFF STATE dv/dt	MAX ON-STATE VOLTAGE DROP	ISOLATE IMPEDENCE	DIELECTRIC STRENGTH INPUT-OUTPUT	DIELECTRIC STRENGTH INPUT-OUTPUT-CASE	TURN ON TIME	TURN OFF TIME	CAPACITANCE IN-OUT	WEIGHT (g)
K3P40R25AA-2L	500 V/ $\mu$ SEC	1.6Vrms	$10^9$ ohm	2500Vrms	2500Vrms	LESS1/2ACcycle	LESS1/2ACcycle	LESS473pf	600 g
K3P40R40AA-2L	500 V/ $\mu$ SEC	1.6Vrms	$10^9$ ohm	2500Vrms	2500Vrms	LESS1/2ACcycle	LESS1/2ACcycle	LESS473pf	600 g
K3P40R50AA-2L	500 V/ $\mu$ SEC	1.6Vrms	$10^9$ ohm	2500Vrms	2500Vrms	LESS1/2ACcycle	LESS1/2ACcycle	LESS473pf	600 g
K3P40R75AA-2L	500 V/ $\mu$ SEC	1.6Vrms	$10^9$ ohm	2500Vrms	2500Vrms	LESS1/2ACcycle	LESS1/2ACcycle	LESS473pf	600 g
K3P40R90AA-2L	500 V/ $\mu$ SEC	1.6Vrms	$10^9$ ohm	2500Vrms	2500Vrms	LESS1/2ACcycle	LESS1/2ACcycle	LESS473pf	600 g
K3P40R100AA-2L	500 V/ $\mu$ SEC	1.6Vrms	$10^9$ ohm	2500Vrms	2500Vrms	LESS1/2ACcycle	LESS1/2ACcycle	LESS473pf	600 g

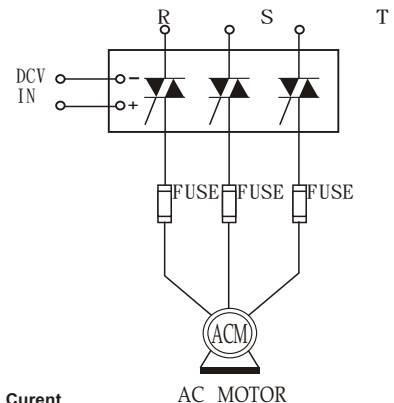
### OUTLINE DIMENSIONS (unit:mm)



### EQUIVALENT CIRCUIT



### Example of 3 $\phi$ SSR Application



### CHARACTERISTIC CURVES

