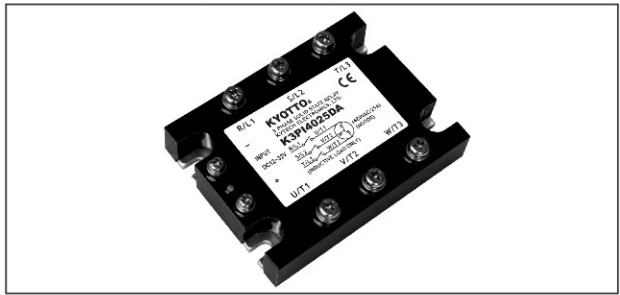


AC SOLID STATE RELAY

K3P40R25DA K3P40R75DA
K3P40R40DA K3P40R90DA
K3P40R50DA K3P40R100DA

(INDUCTIVE LOAD ONLY)
 3 PHASE SERIES

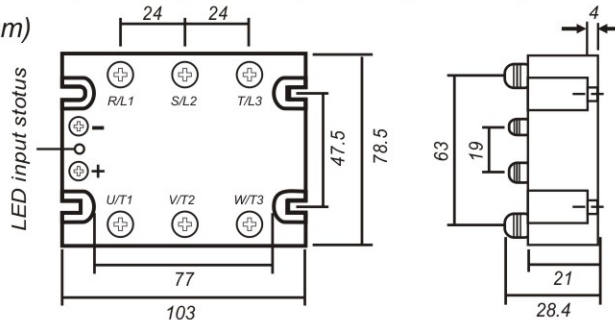


SPECIFICATIONS

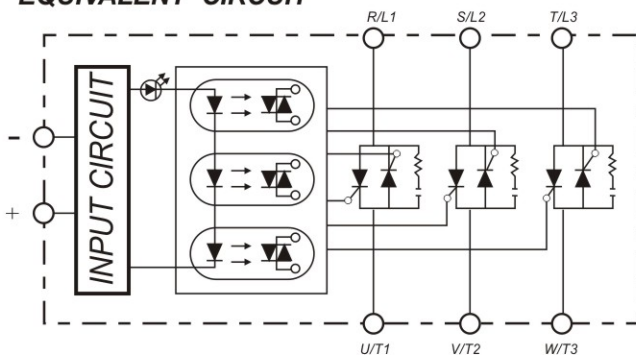
MODEL NO.	CONTROL VOLTAGE RANGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	MAX LOAD CURRENT	LOAD VOLTAGE RANGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
K3P40R25DA	12 TO 32VDC	MAX9.5VDC	1.5Kohm	25A	48~280VAC	1200VAC	LESS 10 mA	47~63HZ	315A
K3P40R40DA	12 TO 32VDC	MAX9.5VDC	1.5Kohm	40A	48~280VAC	1200VAC	LESS 10 mA	47~63HZ	450A
K3P40R50DA	12 TO 32VDC	MAX9.5VDC	1.5Kohm	50A	48~280VAC	1200VAC	LESS 10 mA	47~63HZ	560A
K3P40R75DA	12 TO 32VDC	MAX9.5VDC	1.5Kohm	75A	48~280VAC	1200VAC	LESS 10 mA	47~63HZ	700A
K3P40R90DA	12 TO 32VDC	MAX9.5VDC	1.5Kohm	90A	48~280VAC	1200VAC	LESS 10 mA	47~63HZ	900A
K3P40R100DA	12 TO 32VDC	MAX9.5VDC	1.5Kohm	100A	48~280VAC	1200VAC	LESS 10 mA	47~63HZ	1030A

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)
K3P40R25DA	500 V/ μ SEC	1.6Vrms	10 ⁹ ohm	2500Vrms	2500Vrms	LESS1/2ACcycle	LESS1/2ACcycle	LESS473pf	600 g
K3P40R40DA	500 V/ μ SEC	1.6Vrms	10 ⁹ ohm	2500Vrms	2500Vrms	LESS1/2ACcycle	LESS1/2ACcycle	LESS473pf	600 g
K3P40R50DA	500 V/ μ SEC	1.6Vrms	10 ⁹ ohm	2500Vrms	2500Vrms	LESS1/2ACcycle	LESS1/2ACcycle	LESS473pf	600 g
K3P40R75DA	500 V/ μ SEC	1.6Vrms	10 ⁹ ohm	2500Vrms	2500Vrms	LESS1/2ACcycle	LESS1/2ACcycle	LESS473pf	600 g
K3P40R90DA	500 V/ μ SEC	1.6Vrms	10 ⁹ ohm	2500Vrms	2500Vrms	LESS1/2ACcycle	LESS1/2ACcycle	LESS473pf	600 g
K3P40R100DA	500 V/ μ SEC	1.6Vrms	10 ⁹ ohm	2500Vrms	2500Vrms	LESS1/2ACcycle	LESS1/2ACcycle	LESS473pf	600 g

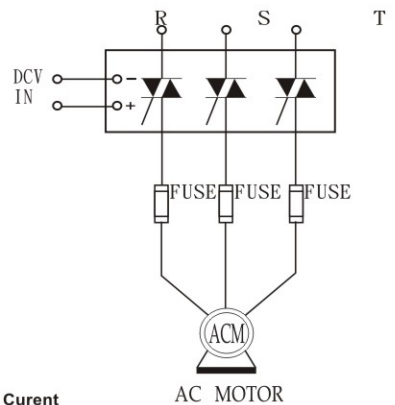
OUTLINE DIMENSIONS (unit:mm)



EQUIVALENT CIRCUIT



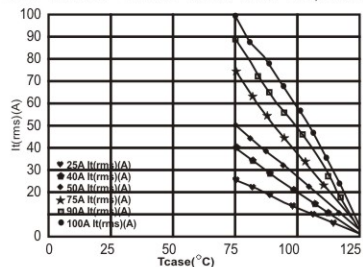
Example of 3 Φ SSR Application



CHARACTERISTIC CURVES

Characteristics curve

RMS On-state Current Versus Case Temperature



Non Repetitive Surge On-state Current Versus Number Of Cycles

