

AC SOLID STATE RELAY

K3P20C25DA-2L K3P20C75DA-2L
K3P20C40DA-2L K3P20C90DA-2L
K3P20C50DA-2L K3P20C100DA-2L

(HEATER LOAD ONLY)
 3PHASE SERIES

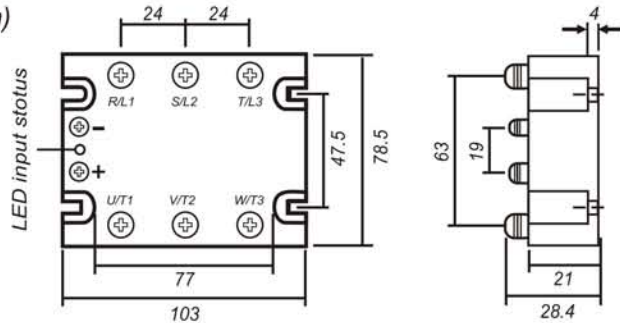


SPECIFICATIONS

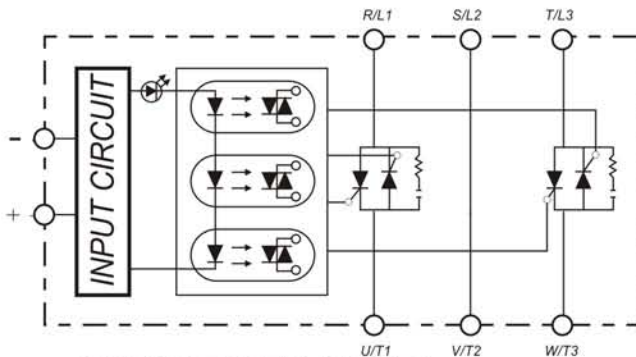
MODEL NO.	CONTROL VOLTAGE RANGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	MAX LOAD CURRENT	LOAD VOLTAGE RANGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
K3P20C25DA-2L	6 TO 32VDC	MAX 3VDC	1.5Kohm	2.5 A	24-280VAC	600VAC	LESS 10 mA	47-63HZ	31.5 A
K3P20C40DA-2L	6 TO 32VDC	MAX 3VDC	1.5Kohm	4.0 A	24-280VAC	600VAC	LESS 10 mA	47-63HZ	4.50 A
K3P20C50DA-2L	6 TO 32VDC	MAX 3VDC	1.5Kohm	5.0 A	24-280VAC	600VAC	LESS 10 mA	47-63HZ	5.60 A
K3P20C75DA-2L	6 TO 32VDC	MAX 3VDC	1.5Kohm	7.5 A	24-280VAC	600VAC	LESS 10 mA	47-63HZ	7.50 A
K3P20C90DA-2L	6 TO 32VDC	MAX 3VDC	1.5Kohm	9.0 A	24-280VAC	600VAC	LESS 10 mA	47-63HZ	9.00 A
K3P20C100DA-2L	6 TO 32VDC	MAX 3VDC	1.5Kohm	100A	24-280VAC	600VAC	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)
K3P20C25DA-2L	250V/ μ SEC	1.6Vrms	10^9 ohm	2500Vrms	2500Vrms	LESS1/2mSee	LESS1/2cycle	LESS473pf	600 g
K3P20C40DA-2L	250V/ μ SEC	1.6Vrms	10^9 ohm	2500Vrms	2500Vrms	LESS1/2mSee	LESS1/2cycle	LESS473pf	600 g
K3P20C50DA-2L	250V/ μ SEC	1.6Vrms	10^9 ohm	2500Vrms	2500Vrms	LESS1/2mSee	LESS1/2cycle	LESS473pf	600 g
K3P20C75DA-2L	250V/ μ SEC	1.6Vrms	10^9 ohm	2500Vrms	2500Vrms	LESS1/2mSee	LESS1/2cycle	LESS473pf	600 g
K3P20C90DA-2L	250V/ μ SEC	1.6Vrms	10^9 ohm	2500Vrms	2500Vrms	LESS1/2mSee	LESS1/2cycle	LESS473pf	600 g
K3P20C100DA-2L	250V/ μ SEC	1.6Vrms	10^9 ohm	2500Vrms	2500Vrms	LESS1/2mSee	LESS1/2cycle	LESS473pf	600 g

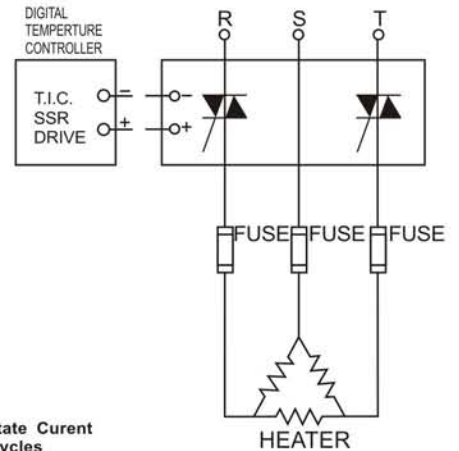
OUTLINE DIMENSIONS (unit:mm)



EQUIVALENT CIRCUIT

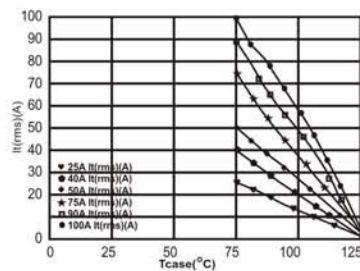


Example of 3 ϕ SSR Application



CHARACTERISTIC CURVES

Characteristics curve
 RMS On-state Current Versus Case Temperature



Non Repetitive Surge On-state Current Versus Number Of Cycles

