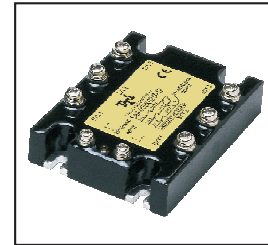


SAA SERIES SOLID STATE RELAY

SAA-200K025K-1R
SAA-200K040K-1R
SAA-200K050K-1R
SAA-200K075K-1R
SAA-200K090K-1R
SAA-200K100K-1R

AC Control AC Loading S.S.R

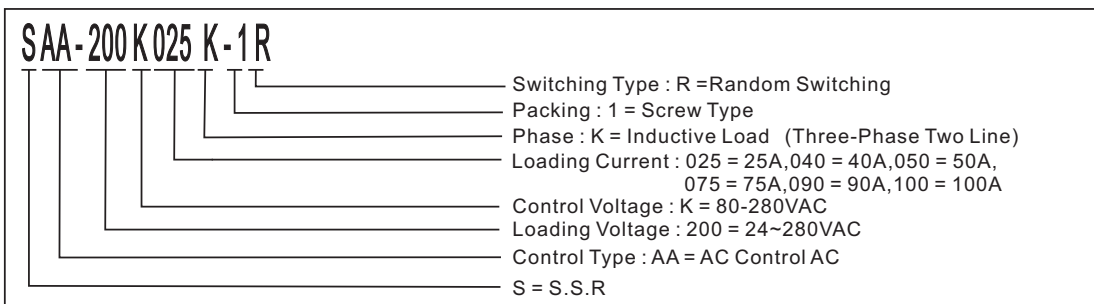


Specifications

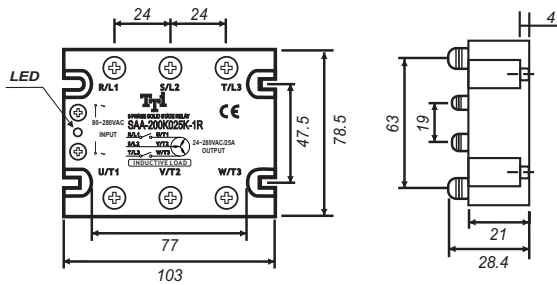
MODEL SERIES NO.	CONTROL VOLTAGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	LOADING CURRENT	LOADING VOLTAGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
SAA-200K025K-1R	80 - 280 VAC	MAX 10 VDC	1.5 K Ω	25A	24 ~ 280VAC	600VAC	LESS 10mA	47-70HZ	250A
SAA-200K040K-1R	80 - 280 VAC	MAX 10 VDC	1.5 K Ω	40A	24 ~ 280VAC	600VAC	LESS 10mA	47-70HZ	400A
SAA-200K050K-1R	80 - 280 VAC	MAX 10 VDC	1.5 K Ω	50A	24 ~ 280VAC	600VAC	LESS 10mA	47-70HZ	500A
SAA-200K075K-1R	80 - 280 VAC	MAX 10 VDC	1.5 K Ω	75A	24 ~ 280VAC	600VAC	LESS 10mA	47-70HZ	750A
SAA-200K090K-1R	80 - 280 VAC	MAX 10 VDC	1.5 K Ω	90A	24 ~ 280VAC	600VAC	LESS 10mA	47-70HZ	900A
SAA-200K100K-1R	80 - 280 VAC	MAX 10 VDC	1.5 K Ω	100A	24 ~ 280VAC	600VAC	LESS 10mA	47-70HZ	1000A

MODEL SERIES 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)
SAA-200K025K-1R	500 V/ μ sec	1.6Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 15 PF	400 g
SAA-200K040K-1R	500 V/ μ sec	1.6Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 15 PF	400 g
SAA-200K050K-1R	500 V/ μ sec	1.6Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 15 PF	400 g
SAA-200K075K-1R	500 V/ μ sec	1.6Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 15 PF	400 g
SAA-200K090K-1R	500 V/ μ sec	1.6Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 15 PF	400 g
SAA-200K100K-1R	500 V/ μ sec	1.6Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 15 PF	400 g

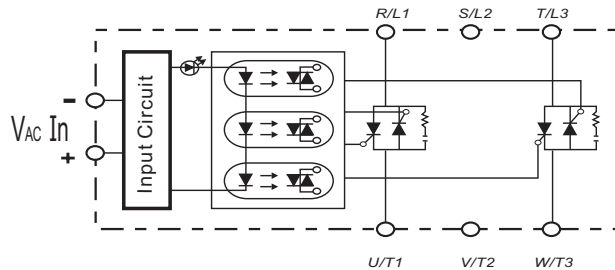
Parts No.



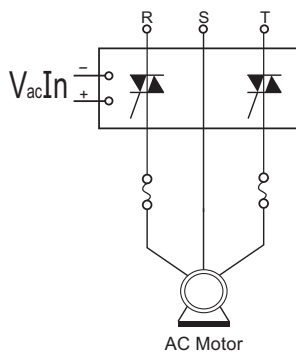
Outline Dimensions (Unit : mm)



Equivalent Circuit

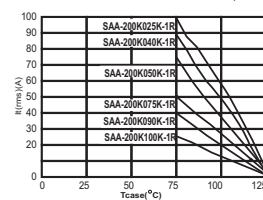


Example : 3 ϕ S.S.R Application



Characteristic Curves

RMS On-state Current Versus Case Temperature



Non Repetitive Surge On-state Current Versus Number Of Cycles

