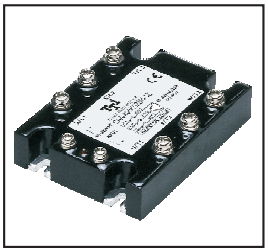
SAA SERIES SOLID STATE RELAY

SAA-400K025J-1Z
SAA-400K040J-1Z
SAA-400K050J-1Z
SAA-400K075J-1Z
SAA-400K090J-1Z
SAA-400K100J-1Z

AC Control AC Loading S.S.R

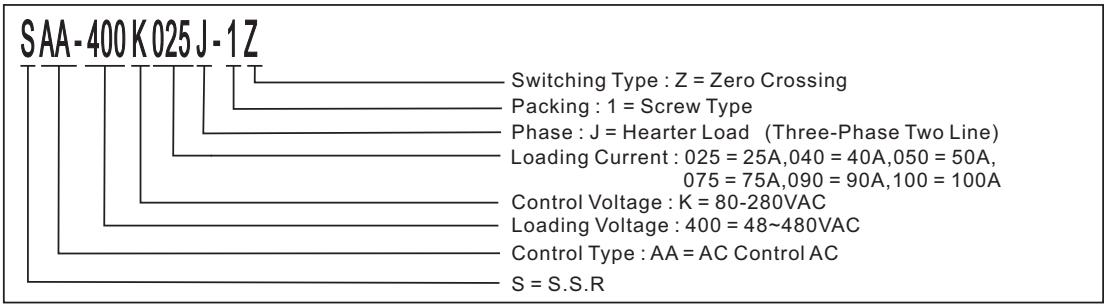


Specifications

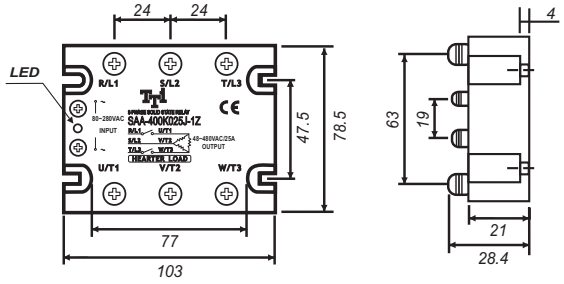
MODEL SERIES NO.	CONTROL VOLTAGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	LOADING CURRENT	LOADING VOLTAGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
SAA-400K025J-1Z	80 - 280 VAC	MAX 10 VDC	1.5 KΩ	25A	48 ~ 480VAC	1200VAC	LESS 10mA	47-70HZ	250A
SAA-400K040J-1Z	80 - 280 VAC	MAX 10 VDC	1.5 KΩ	40A	48 ~ 480VAC	1200VAC	LESS 10mA	47-70HZ	400A
SAA-400K050J-1Z	80 - 280 VAC	MAX 10 VDC	1.5 KΩ	50A	48 ~ 480VAC	1200VAC	LESS 10mA	47-70HZ	500A
SAA-400K075J-1Z	80 - 280 VAC	MAX 10 VDC	1.5 KΩ	75A	48 ~ 480VAC	1200VAC	LESS 10mA	47-70HZ	750A
SAA-400K090J-1Z	80 - 280 VAC	MAX 10 VDC	1.5 KΩ	90A	48 ~ 480VAC	1200VAC	LESS 10mA	47-70HZ	900A
SAA-400K100J-1Z	80 - 280 VAC	MAX 10 VDC	1.5 KΩ	100A	48 ~ 480VAC	1200VAC	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-400K025J-1Z	1000 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-400K040J-1Z	1000 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-400K050J-1Z	1000 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-400K075J-1Z	1000 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-400K090J-1Z	1000 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-400K100J-1Z	1000 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

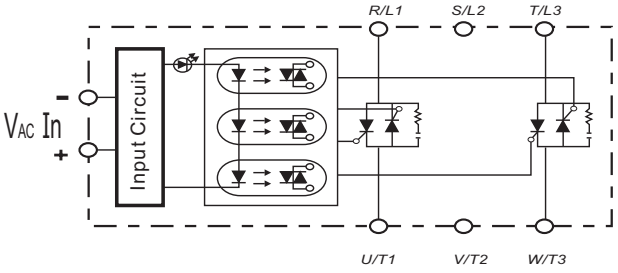
Parts No.



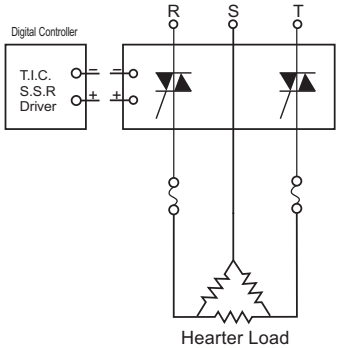
Outline Dimensions(Unit : mm)



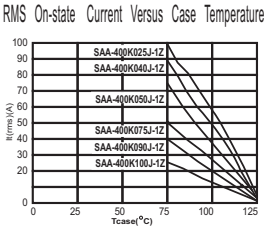
Equivalent Circuit

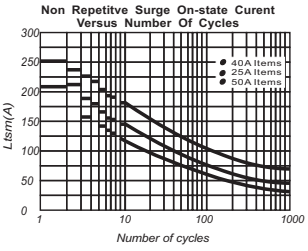


Example : 3Ø S.S.R Application



Characteristic Curves





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