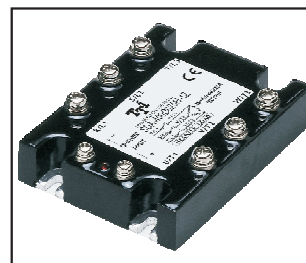


SDA SERIES SOLID STATE RELAY

SDA-400D025H-1Z
SDA-400D040H-1Z
SDA-400D050H-1Z
SDA-400D075H-1Z
SDA-400D090H-1Z
SDA-400D100H-1Z

DC Control AC Loading S.S.R

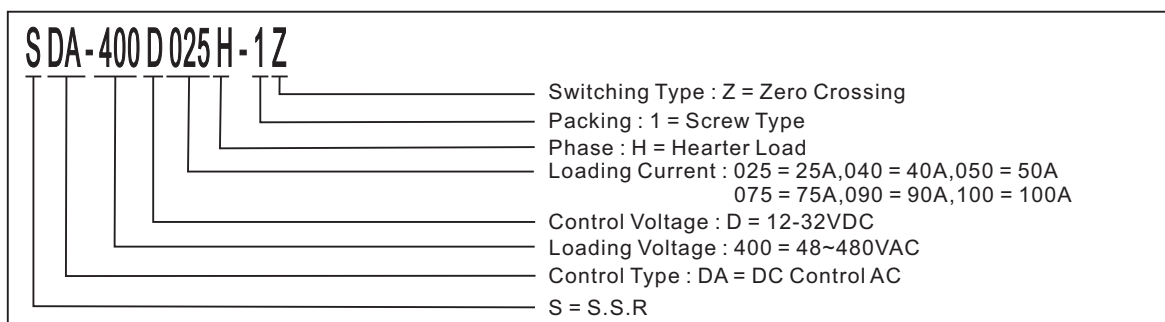


Specifications

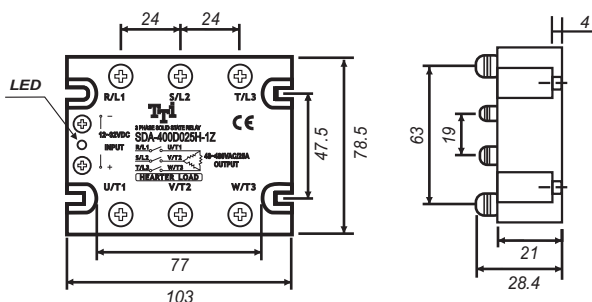
MODEL SERIES NO.	CONTROL VOLTAGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	LOADING CURRENT	LOADING VOLTAGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
SDA-400D025H-1Z	12 ~ 32 VDC	MAX 3.0 VDC	1.5 K Ω	25A	48 ~ 480VAC	1200VAC	LESS 10 mA	47-70HZ	250A
SDA-400D040H-1Z	12 ~ 32 VDC	MAX 3.0 VDC	1.5 K Ω	40A	48 ~ 480VAC	1200VAC	LESS 10 mA	47-70HZ	400A
SDA-400D050H-1Z	12 ~ 32 VDC	MAX 3.0 VDC	1.5 K Ω	50A	48 ~ 480VAC	1200VAC	LESS 10 mA	47-70HZ	500A
SDA-400D075H-1Z	12 ~ 32 VDC	MAX 3.0 VDC	1.5 K Ω	75A	48 ~ 480VAC	1200VAC	LESS 10 mA	47-70HZ	750A
SDA-400D090H-1Z	12 ~ 32 VDC	MAX 3.0 VDC	1.5 K Ω	90A	48 ~ 480VAC	1200VAC	LESS 10 mA	47-70HZ	900A
SDA-400D100H-1Z	12 ~ 32 VDC	MAX 3.0 VDC	1.5 K Ω	100A	48 ~ 480VAC	1200VAC	LESS 10 mA	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)
SDA-400D025H-1Z	1000 V/ μ sec	1.6Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 473 PF	400 g
SDA-400D040H-1Z	1000 V/ μ sec	1.6Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 473 PF	400 g
SDA-400D050H-1Z	1000 V/ μ sec	1.6Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 473 PF	400 g
SDA-400D075H-1Z	1000 V/ μ sec	1.6Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 473 PF	400 g
SDA-400D090H-1Z	1000 V/ μ sec	1.6Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 473 PF	400 g
SDA-400D100H-1Z	1000 V/ μ sec	1.6Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 473 PF	400 g

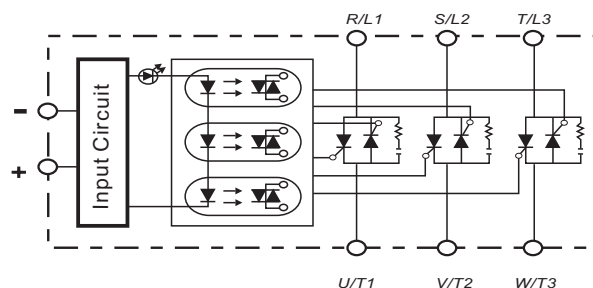
Parts No.



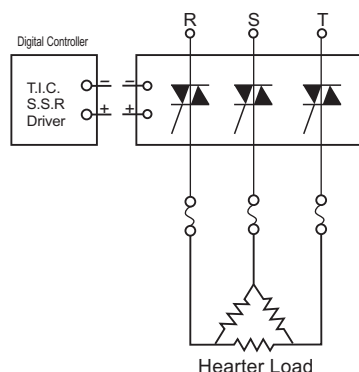
Outline Dimensions(Unit : mm)



Equivalent Circuit

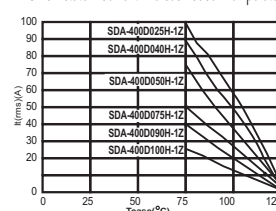


Example : 30 S.S.R Application



Characteristic Curves

RMS On-state Current Versus Case Temperature



Non Repetitive Surge On-state Current Versus Number Of Cycles

