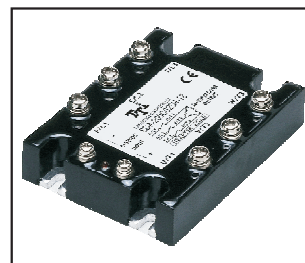


SDA SERIES SOLID STATE RELAY

SDA-200C025H-1Z
SDA-200C040H-1Z
SDA-200C050H-1Z
SDA-200C075H-1Z
SDA-200C090H-1Z
SDA-200C100H-1Z

DC Control AC Loading S.S.R



Specifications

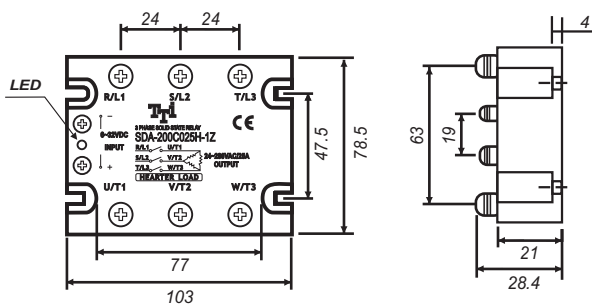
MODEL SERIES NO.	CONTROL VOLTAGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	LOADING CURRENT	LOADING VOLTAGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
SDA-200C025H-1Z	6 - 32 VDC	MAX 3.0 VDC	1.5 K Ω	25A	24 ~ 280VAC	600VAC	LESS 10 mA	47-70HZ	250A
SDA-200C040H-1Z	6 - 32 VDC	MAX 3.0 VDC	1.5 K Ω	40A	24 ~ 280VAC	600VAC	LESS 10 mA	47-70HZ	400A
SDA-200C050H-1Z	6 - 32 VDC	MAX 3.0 VDC	1.5 K Ω	50A	24 ~ 280VAC	600VAC	LESS 10 mA	47-70HZ	500A
SDA-200C075H-1Z	6 - 32 VDC	MAX 3.0 VDC	1.5 K Ω	75A	24 ~ 280VAC	600VAC	LESS 10 mA	47-70HZ	750A
SDA-200C090H-1Z	6 - 32 VDC	MAX 3.0 VDC	1.5 K Ω	90A	24 ~ 280VAC	600VAC	LESS 10 mA	47-70HZ	900A
SDA-200C100H-1Z	6 - 32 VDC	MAX 3.0 VDC	1.5 K Ω	100A	24 ~ 280VAC	600VAC	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-200C025H-1Z	500 V/ μ sec	1.6Vrms	$10^9 \Omega$	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 473 PF	400 g
SDA-200C040H-1Z	500 V/ μ sec	1.6Vrms	$10^9 \Omega$	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 473 PF	400 g
SDA-200C050H-1Z	500 V/ μ sec	1.6Vrms	$10^9 \Omega$	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 473 PF	400 g
SDA-200C075H-1Z	500 V/ μ sec	1.6Vrms	$10^9 \Omega$	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 473 PF	400 g
SDA-200C090H-1Z	500 V/ μ sec	1.6Vrms	$10^9 \Omega$	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 473 PF	400 g
SDA-200C100H-1Z	500 V/ μ sec	1.6Vrms	$10^9 \Omega$	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 473 PF	400 g

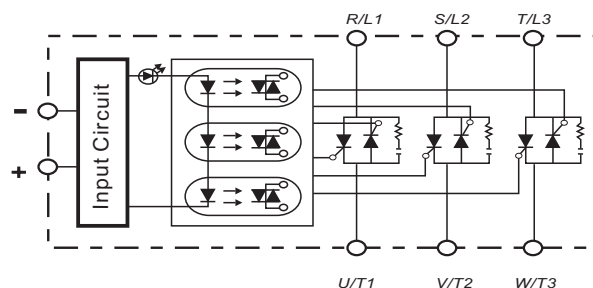
Parts No.

SDA-200C025H-1Z	
Switching Type : Z = Zero Crossing	
Packing : 1 = Screw Type	
Phase : H = Heater Load	
Loading Current : 025 = 25A, 040 = 40A, 050 = 50A 075 = 75A, 090 = 90A, 100 = 100A	
Control Voltage : C = 6-32VDC	
Loading Voltage : 200 = 24~280VAC	
Control Type : DA = DC Control AC	
S = S.S.R	

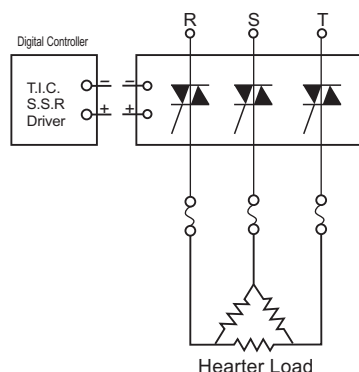
Outline Dimensions(Unit : mm)



Equivalent Circuit

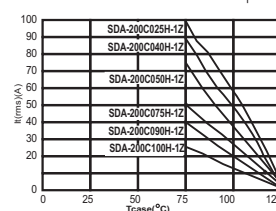


Example : 30 S.S.R Application



Characteristic Curves

RMS On-state Current Versus Case Temperature



Non Repetitive Surge On-state Current Versus Number Of Cycles

