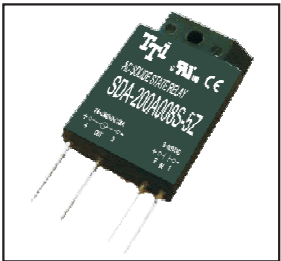


SDA SERIES SOLID STATE RELAY

SDA-200A008S-5Z
SDA-200A012S-5Z
SDA-200A016S-5Z

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-200A008S-5Z	3 - 32 VDC	MAX 1.0 VDC	1.5 KΩ	8A	24 ~ 280VAC	600VAC	LESS 3 mA	47-70HZ	80A
SDA-200A012S-5Z	3 - 32 VDC	MAX 1.0 VDC	1.5 KΩ	12A	24 ~ 280VAC	600VAC	LESS 3 mA	47-70HZ	120A
SDA-200A016S-5Z	3 - 32 VDC	MAX 1.0 VDC	1.5 KΩ	16A	24 ~ 280VAC	600VAC	LESS 3 mA	47-70HZ	160A

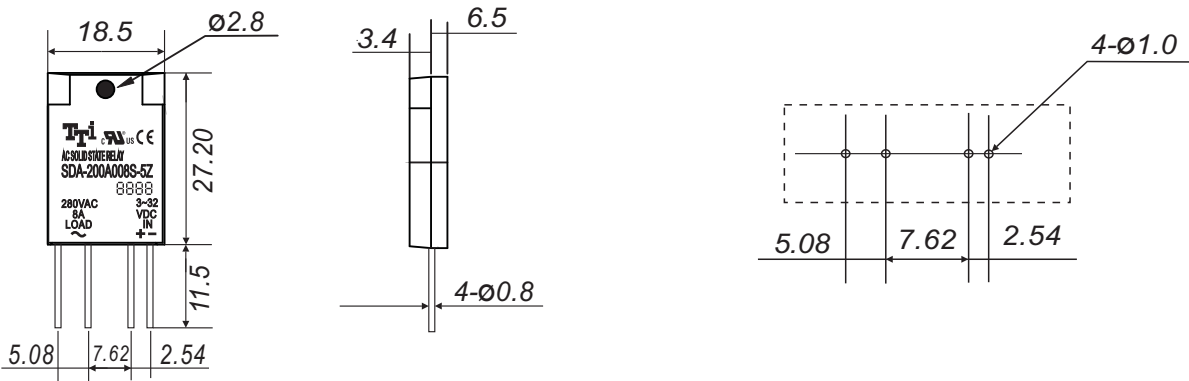
MODEL SERIES NO.	MAX OFF STATE dv/dt	MAX ON-STATE VOLTAGE DROP	ISOLATE IMPEDENCE	DIELECTRIC STRENGTH INPUT-OUTPUT	DIELECTRIC STRENGTH INPUT,OUTPUT-CASE	TURN ON TIME	TURN OFF TIME	CAPACITANCE IN-OUT	WEIGHT (g)
SDA-200A008S-5Z	200 V/μ sec	2.0Vrms	10 ⁹ Ω	2500 VACrms	—	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 15 PF	12 g
SDA-200A012S-5Z	200 V/μ sec	2.0Vrms	10 ⁹ Ω	2500 VACrms	—	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 15 PF	12 g
SDA-200A016S-5Z	200 V/μ sec	2.0Vrms	10 ⁹ Ω	2500 VACrms	—	LESS 2 msec	LESS 1/2 AC CYCLE	LESS 15 PF	12 g

Parts No.

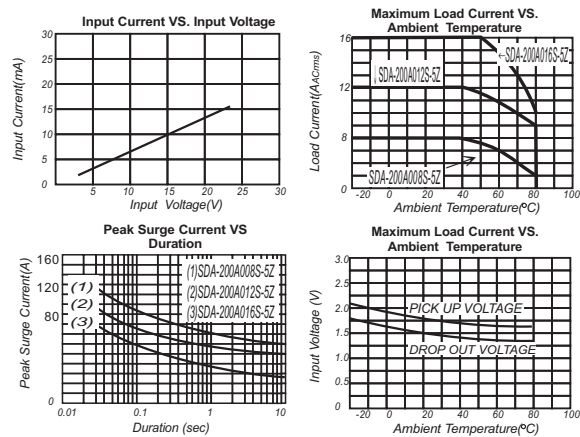
SDA-200A008S-5Z

Switching Type : Z = Zero-Crossing
Packing : 5 = SIP of IC Packing Type
Phase : S = Single Phase
Loading Current : 008 = 8A,012 = 12A,016 = 16A
Control Voltage : A = 3-32VDC
Loading Voltage : 200 = 24~280VAC
Control Type : DA = DC Control AC
S = S.S.R

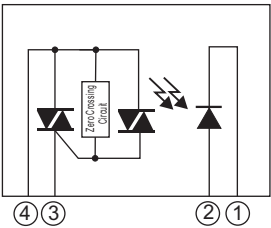
Outline Dimensions(Unit : mm)



Characteristic Curves



Equivalent Circuit



- 1.Input Circuit
- 2.Photo Detector
- 3.Zero-Crossing Circuit
- 4.Output Circuitt