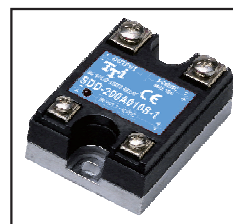


SDD SERIES SOLID STATE RELAY

SDD-200A010S-1
SDD-200A025S-1
SDD-200A040S-1
SDD-200A050S-1
SDD-200A075S-1

DC Control DC 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
SDD-200A010S-1	4 - 32 VDC	MAX 1.0 VDC	1.5 KΩ	10A	5 ~ 240VDC	30VDC	LESS 3 mA	47-70HZ	25A
SDD-200A025S-1	4 - 32 VDC	MAX 1.0 VDC	1.5 KΩ	25A	5 ~ 240VDC	30VDC	LESS 3 mA	47-70HZ	43A
SDD-200A040S-1	4 - 32 VDC	MAX 1.0 VDC	1.5 KΩ	40A	5 ~ 240VDC	30VDC	LESS 7 mA	47-70HZ	52A
SDD-200A050S-1	4 - 32 VDC	MAX 1.0 VDC	1.5 KΩ	50A	5 ~ 240VDC	30VDC	LESS 7 mA	47-70HZ	75A
SDD-200A075S-1	4 - 32 VDC	MAX 1.0 VDC	1.5 KΩ	75A	5 ~ 240VDC	30VDC	LESS 7 mA	47-70HZ	90A

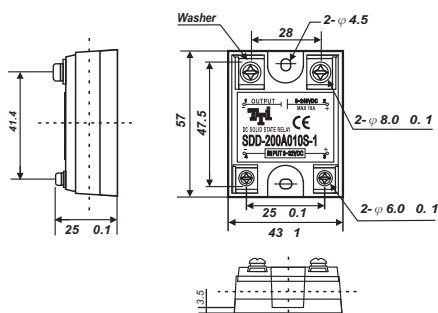
MODEL SERIES NO.	MAX OFF STATE dv/dt	MAX ON-STATE VOLTAGE DROP	ISOLATE IMPEDENCE	DIELECTRIC STRENGTH INPUT-OUTPUT	DIELECTRIC STRENGTH INPUT-OUTPUT-CASE	TURN ON TIME	TURN OFF TIME	CAPACITANCE IN-OUT	WEIGHT (g)
SDD-200A010S-1	200 V/μ sec	2.0Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 2 msec	LESS 15 PF	100 g
SDD-200A025S-1	200 V/μ sec	2.0Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 2 msec	LESS 15 PF	100 g
SDD-200A040S-1	200 V/μ sec	2.0Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 2 msec	LESS 15 PF	100 g
SDD-200A050S-1	200 V/μ sec	2.0Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 2 msec	LESS 15 PF	100 g
SDD-200A075S-1	200 V/μ sec	2.0Vrms	10 ⁹ Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS 2 msec	LESS 15 PF	100 g

Parts No.

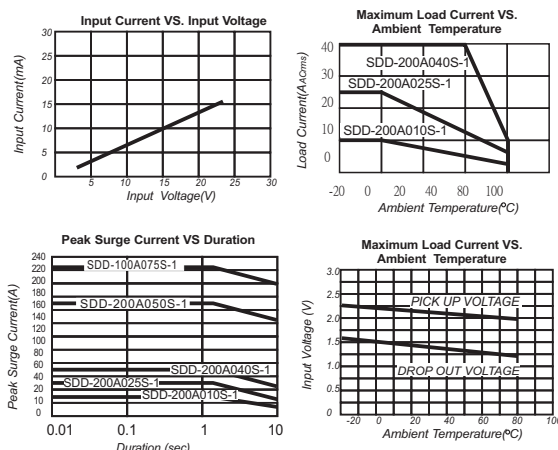
SDD-200 A010 S-1

Packing : 1 = Screw Type
Phase : S = Single Phase
Loading Current : 010 = 10A, 025 = 25A, 040 = 40A,
050 = 50A, 075 = 75A
Control Voltage : A = 3-32VDC
Loading Voltage : 200 = 5~240VDC
Control Type : DD = DC Control DC
S = S.S.R

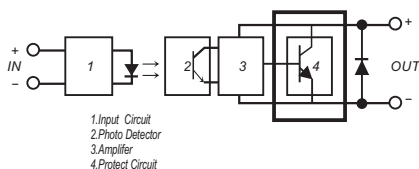
Outline Dimensions(Unit : mm)



Characteristic Curves



Equivalent Circuit



1.Input Circuit
2.Photo Detector
3.Amplifier
4.Protect Circuit

	台興電子企業股份有限公司 TAI-SHING ELECTRONIC COMPONENTS CORP.					接點材質	DRAWING NO.	
	APPROVED	CONFIRMED	CHECKED	DESIGNED	DRAWN		DWG	SDD-200AxxxS-1
						符合RoHS	DRAWING NAME: 量產外型圖	
						完全 排除 NO	USED ON: Page 1 of 1 VER. 1	
3rd Angle Projection	General Machined Roughness		Dimensions Tolerance: TBA		Radius: R0.1	Chamfer: 0.1*45°	Unit: mm	Scale