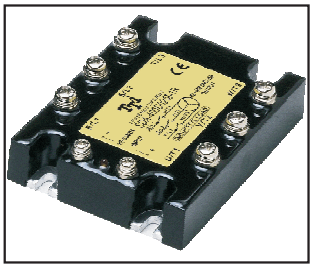
SDA SERIES SOLID STATE RELAY

SDA-400D025K-1R
SDA-400D040K-1R
SDA-400D050K-1R
SDA-400D075K-1R
SDA-400D090K-1R
SDA-400D100K-1R

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-400D025K-1R	10 - 32 VDC	MAX 3.0 VDC	1.5 KΩ	25A	48 ~ 480VAC	1200VAC	LESS 10 mA	47-70HZ	250A
SDA-400D040K-1R	10 - 32 VDC	MAX 3.0 VDC	1.5 KΩ	40A	48 ~ 480VAC	1200VAC	LESS 10 mA	47-70HZ	400A
SDA-400D050K-1R	10 - 32 VDC	MAX 3.0 VDC	1.5 KΩ	50A	48 ~ 480VAC	1200VAC	LESS 10 mA	47-70HZ	500A
SDA-400D075K-1R	10 - 32 VDC	MAX 3.0 VDC	1.5 KΩ	75A	48 ~ 480VAC	1200VAC	LESS 10 mA	47-70HZ	750A
SDA-400D090K-1R	10 - 32 VDC	MAX 3.0 VDC	1.5 KΩ	90A	48 ~ 480VAC	1200VAC	LESS 10 mA	47-70HZ	900A
SDA-400D100K-1R	10 - 32 VDC	MAX 3.0 VDC	1.5 KΩ	100A	48 ~ 480VAC	1200VAC	LESS 10 mA	47-70HZ	1000A

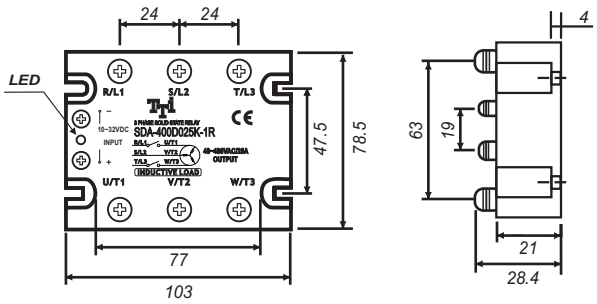
MODEL SERIES NO.	MAX OFF STATE dv/dt	MAX ON-STATE VOLTAGE DROP	ISOLATE IMPEDENCE	DIELECTRIC STRENGTH INPUT-OUTPUT	DIELECTRIC STRENGTH INPUT,OUTPUT-CASE	TURN ON TIME	TURN OFF TIME	CAPACITANCE IN-OUT	WEIGHT (g)
SDA-400D025K-1R	1000 V/μ sec	1.6Vrms	10^9 Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS ½ AC CYCLE	LESS 473 PF	400 g
SDA-400D040K-1R	1000 V/μ sec	1.6Vrms	10^9 Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS ½ AC CYCLE	LESS 473 PF	400 g
SDA-400D050K-1R	1000 V/μ sec	1.6Vrms	10^9 Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS ½ AC CYCLE	LESS 473 PF	400 g
SDA-400D075K-1R	1000 V/μ sec	1.6Vrms	10^9 Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS ½ AC CYCLE	LESS 473 PF	400 g
SDA-400D090K-1R	1000 V/μ sec	1.6Vrms	10^9 Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS ½ AC CYCLE	LESS 473 PF	400 g
SDA-400D100K-1R	1000 V/μ sec	1.6Vrms	10^9 Ω	4000 VACrms	4000 VACrms	LESS 2 msec	LESS ½ AC CYCLE	LESS 473 PF	400 g

Parts No.

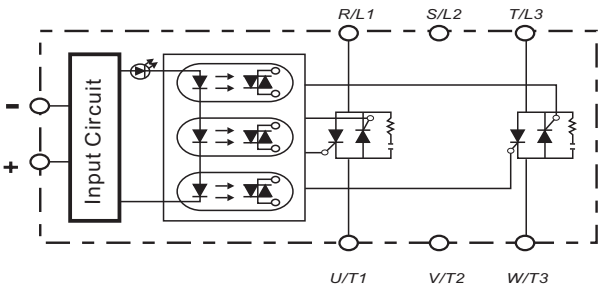
S DA - 400 D 025 K - 1 R

- Switching Type : R = Random Switching
- Packing : 1 = Screw Type
- Phase : K = Inductive Load (Three-Phase Two Line)
- Loading Current : 025 = 25A,040 = 40A,050 = 50A
  075 = 75A,090 = 90A,100 = 100A
- Control Voltage : D = 10-32VDC
- Loading Voltage : 400 = 48~480VAC
- Control Type : DA = DC Control AC
- S = S.S.R

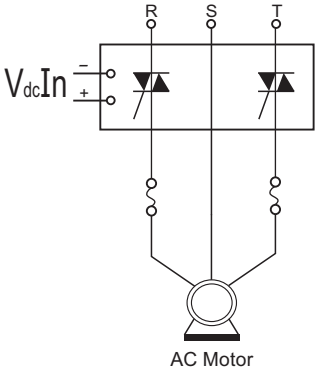
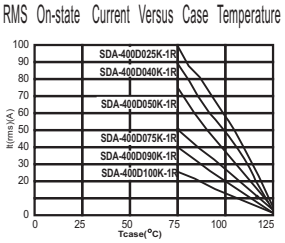
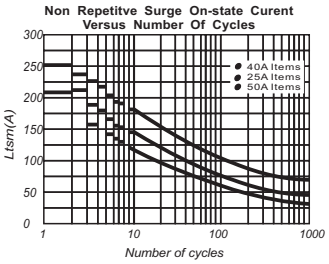
Outline Dimensions(Unit : mm)



Equivalent Circuit



Example : 3Ø S.S.R Application



Characteristic Curves