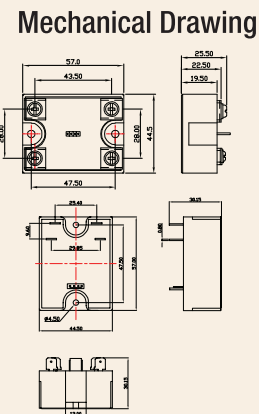
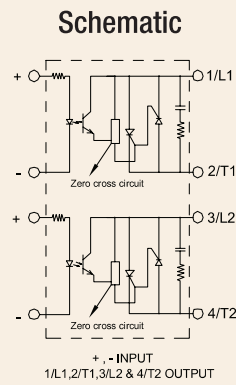


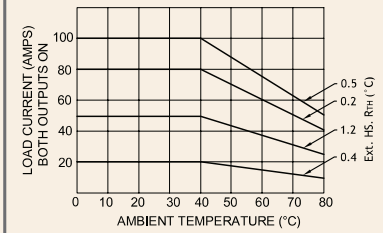
## Series: 001 SJ/K DUAL OUTPUT

**Dual O/P SSR (240VAC)  
10~50Amps**

INPUT : DC Control  
OUTPUT : Back to Back SCR



**Derating Curve**



### Salient Features

- Input control: Single/Dual • Output connections: Screws/Fasten Tabs • Opto Isolation 4000 VAC
- Zero Voltage/Random Turn On • Reverse Voltage Protection • TTL Compatible (Sink Mode)
- Output NO Configuration • Built - In Snubber • Panel/DIN Mountable

ELECTRICAL SPECIFICATION @ TA = 25°C			NOTE: FOR RANDOM T-ON SSR, ADD LETTER 'K' IN PLACE OF 'J'			
PARAMETER	SYMBOL	UNIT	PRODUCT PART NUMBERS			
			<b>001 SJDA 241000***</b>	<b>001 SJDA 242500***</b>	<b>001 SJDA 244000***</b>	<b>001 SJDA 245000***</b>

### INPUT

PARAMETER	SYMBOL	UNIT	001 SJDA 241000***	001 SJDA 242500***	001 SJDA 244000***	001 SJDA 245000***
Control Voltage Range		Vdc	3-32*	3-32*	4-32*	4-32*
Control Current Range		mA	1-20	1-20	1-20	1-20
Pick-up Voltage		Vdc	3.0	3.0	4.0	4.0
Drop-out Voltage		Vdc	1.0	1.0	1.0	1.0
Input Resistance		KOhms	1.6	1.6	1.6	1.6

### OUTPUT

PARAMETER	SYMBOL	UNIT	001 SJDA 241000***	001 SJDA 242500***	001 SJDA 244000***	001 SJDA 245000***
RMS on state Current	IT	A	10	25	40	50
Mains Control Voltage	Vrms	Vac	24-330	24-330	24-330	24-330
Rep Peak Off state Voltage	Vdrm	Vpk	600	600	600	600
Peak one cycle surge Current (Non-Rep)	ITSM	A	83	300	800	520
On state Voltage Drop	V <sub>TM</sub>	Vac	1.6	1.6	1.6	1.6
Off state Leakage current	Idrm	mA	5	5	5	5
Zero T-On Voltage		Vpk	25	25	25	25
Critical Rate of Rise Off state Voltage	dv/dt	V/μs	200	300	500	1000
Holding Current	I <sub>H</sub>	mA	30	50	80	150
Fusing Current	I <sup>2</sup> T	A <sup>2</sup> s	41	510	3745	1350
Thermal Resistance	R <sub>TH</sub>	°C/W	3.0	2.35	0.86	1.0
Turn-On [Zero/Random]	T-On	ms	10/0.1	10/0.1	10/0.1	10/0.1
Turn-Off [Zero/Random]	T-Off	ms	10	10	10	10
Frequency Range	f	Hz	47~63	47~63	47~63	47~63
Operating Temp	T Oper	°C	-30 to +80	-30 to +80	-30 to +80	-30 to +80

\*For AC Input add A in place of D. \*Specification for AC/AC SSR: I/P ON: 18-24 Vac. Also option of 4-15 Vdc available.

\*\*\*Add DPDT/SPDT to the part above number as per requirement.

