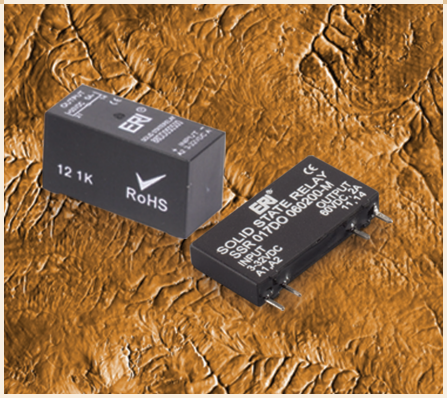
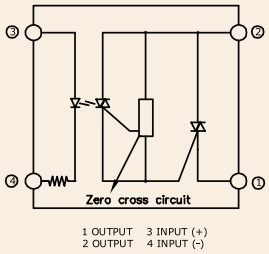
Series: 088/017 J/K

Single Phase SSR (240VAC)
2~3Amps

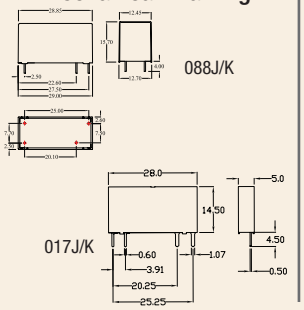
INPUT : DC Control
OUTPUT : Triac Output



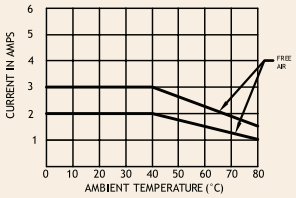
Schematic



Mechanical Drawing



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'	
PARAMETER	SYMBOL	UNIT	PRODUCT PART NUMBERS	
			088 DA 330300	017 AO 240200
INPUT				
Control Voltage Range		Vdc	4-32	4-32
Control Current Range		mA	1-20	1-20
Pick-up Voltage		Vdc	4.0	4.0
Drop-out Voltage		Vdc	1.0	1.0
Input Resistance		KOhms	1.6	1.6
OUTPUT				
RMS on state Current	IT	A	3.0	2.0
Mains Control Voltage	Vrms	Vac	24-330	24-240
Rep Peak Off state Voltage	Vdrm	Vpk	600	600
Peak one cycle surge Current (Non-Rep)	ITSM	A	160	80
On state Voltage Drop	VTM	Vac	1.6	1.6
Off state Leakage current	Idrm	mA	5	5
Zero T-On Voltage	Zvs	Vpk	25	25
Critical Rate of Rise Off state Voltage	dv/dt	V/µs	400	350
Holding Current	IH	mA	50	35
Fusing Current	I^2T	A^2S	144	30
Thermal Resistance	RTH	°C/W	2.1	1.8
Turn-On [Zero/Random]	T-On	ms	10/0.1	10/0.1
Turn-Off [Zero/Random]	T-Off	ms	10	10
Frequency Range	f	Hz	47~63	47~63
Operating Temp	T Oper	°C	-30 to +80	-30 to +80