

007SJDA609000

Input : 4-32 Vdc Control  
Output : 48-600Vac, 90A Output



Series : 007 SJDA

**Schematic**

**Mechanical drawing**

**Derating curve**

0.14 With Force Cooling  
Est. I<sub>MS, R<sub>TH</sub></sub> (°C)

**Salient features:**

- \* SSR in Add-A-Pack Module
- \* Offer High Voltage
- \* Built-In Snubber
- \* Direct Copper Bonded Substrate Offers Mechanical Ruggedness
- Solid Copper Base Plate Allow Easy Mounting & Better Heat Dissipation
- \* Optically - Isolated 4000 Vac
- \* High Surge Capability
- \* Fully Compatible TO-240AA

**Electrical specifications :**

@TA=25°C

Characteristics	Units	Specification value
		<b>007SJDA609000</b>
Input Voltage Range	Vdc	4 - 32
Maximum Pickup Voltage	Vdc	4.0
Minimum Drop out Voltage	Vdc	1.0
Typical Current @ Rated Voltage	mA	30
Nominal Input Impedance	KOhms	Current Regulator
Load Voltage Range (VRMS)	Vac	48-600
Rated Load Current	A	90
Repetative Peak Off State Voltage (VDRM)	Vpk	1200
Non Repetative Surge Current (1 cycle surge)	A	1785
Maximum Fusing Current I <sup>2</sup> t	A <sup>2</sup> s	1590
Min. Load Current to Maintain ON	mA	150
Critical Rate of Rise of Off State Voltage DV/DT Max.	V/μs	1000
Typical On State Voltage drop across SSR O/P at Rated Current (VTM)	Vac	1.6
Maximum Off State Leakage Current @ Rated Voltage	mA	5.0
Maximum Turn-ON time	ms	10
Maximum Turn-OFF time	ms	10
Operating Temperature	°C	-30 to +80
Storage Temperature	°C	-30 to +100
Thermal Resistance Junction to Case	°C/W	0.5
Frequency Range	Hz	47 ~ 63

Input

Output