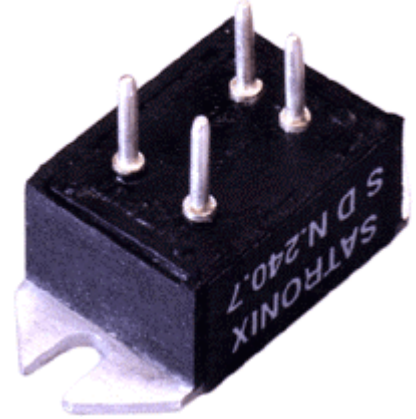


## **PCB /CHASSIS MOUNT TYPE AC –SSR SDN-240-7 / SDN-240-7-3Q**

### **Features**

- Available are economical photo coupler isolation which can be connected directly to IC logic circuits such as TTL, CMOS etc.
- No noise feedback from O/P to I/P circuits.
- Zero voltage turn-on /random turn-on/zero current turn-off.
- Faster switching response.
- Long life highly reliable.
- Terminator pins are polarized to prevent reverse plugging.
- Available using three quadrant (3Q) triac.
- Low leakage on use of 3Q triac .

(J: Zero voltage turn-on; K: Random turn-on)



### **Type Selection Guide**

<b>Type</b>	<b>SDN-240-7 /SDN-240-7Q</b>
Input Control Voltage	3 – 32 VDC
Rated operational Voltage	25 – 330 VACrms
Rated operational current AC rms.	7 amps

For load current < 3A external Heatsink is required.

### **Input Specifications**

<b>Type</b>	<b>SDN-240-7/SDN-240-7Q</b>
Control Voltage	3 – 32 VDC
Input Current @ 5 VDC	8.5 mA
Turn – off Voltage at 100 ° C Max	1 VDC

### **Output Specifications**

<b>Type</b>	<b>SDN-240-7/SDN-240-7Q</b>
RMS on-state current (IT)	7 A
Load Voltage Rating	25 – 330 V rms
Frequency Rating	47 – 70 Hz
O/P Voltage drops@ Current Max. (VTM)	1.6 Vrms
Operating Temperature	– 10 to 80 °C
Non repetitive surge peak on-state current(t=20 ms) (ITMS)	120 Amps

