



DC TO AC SOLID STATE RELAY

| MODEL | | Input | | Output | | | |
|-------|--------------------|---------|---------|---------|---------------------|--------------------------------|---------------------------------|
| No. | Type of SSR | Voltage | Current | Voltage | Current Amp at 20°C | Current Amp With HeatSink 55°C | Fusing Current I ² T |
| 1 | SSR-SS4-DA-4810 | 4-32VDC | 4-16mA | 480VAC | 10Amp | 07Amp | 300A ² S |
| 2 | SSR-SS4-DA-4816 | 4-32VDC | 4-16mA | 480VAC | 16Amp | 10Amp | 300 A ² S |
| 3 | SSR-SS4- DA 48 25 | 4-32VDC | 4-16mA | 480VAC | 25Amp | 18Amp | 500A ² S |
| 4 | SSR-SS4- DA 48 50 | 4-32VDC | 4-16mA | 480VAC | 50Amp | 35Amp | 3000A ² S |
| 5 | SSR-SS4-DA 48 75 | 4-32VDC | 4-16mA | 480VAC | 75Amp | 45Amp | 6000 A ² S |
| 6 | SSR-SS4- DA 48 90 | 4-32VDC | 4-16mA | 480VAC | 90Amp | 55Amp | 7200A ² S |
| 7 | SSR-SS4- DA 48 110 | 4-32VDC | 4-16mA | 480VAC | 110Amp | 65AMP | 10000A ² S |
| 8 | SSR-SS4- DA 48 150 | 4-32VDC | 4-16mA | 480VAC | 150Amp | 85AMP | 15000A ² S |
| 7 | SSR-SS4- DA 48 175 | 4-32VDC | 4-16mA | 480VAC | 175Amp | 90AMP | 20000A ² S |
| 8 | SSR-SS4- DA 48 200 | 4-32VDC | 4-16mA | 480VAC | 200Amp | 100AMP | 25000A ² S |

| Input Technical Data | |
|------------------------------|---------|
| Input Control Supply Voltage | 4-32VDC |
| Input Control Supply Current | 4-16mA |



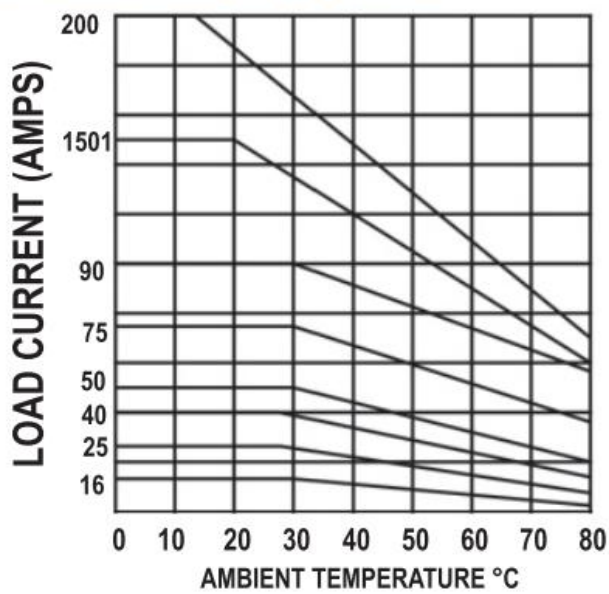
| Output Technical Data | | |
|---|------------------|-------------------------------|
| | Unit | Back to Back SCR |
| Operational Voltage Range | Vrms | 24-480VAC |
| Peak Inverse Voltage | Vpk | 1200Vpk |
| Rated operational Current at 20°C | IT | 25/50/90Amp AC |
| Rated operational Current at 55°C | IT | 18/35/55Amp AC |
| Max. OFF State Leakage Current | mA | <2 mArms |
| Minimum Holding Current | IH | 175/275/275mA |
| Rated Peak WithStand Current | ITSM | 320/775/1200A |
| Max. Load Integral $\int i^2 dt$ (t=10ms) | I ² t | 500/3000/7200A ² S |
| Voltage Drop in ON-State | VTM | 1.3V |
| Isolation Voltage | KVA | 4KVA |

| Salient features | |
|-------------------------|---|
| ▶ | True Zero Cross Over |
| ▶ | Virtually Free from EMI/RFI |
| ▶ | Input Green LED Indication |
| ▶ | Output to body 4kV Isolation |
| ▶ | Noiseless without Chattering and Fast Switching |
| ▶ | Inbuilt Snubber |
| ▶ | Heatsink + Dinrail Mounting (35mm) |



| | |
|---|------------------------------|
| ▶ | Reverse polarity protection. |
| ▶ | Output N/O configuration |
| ▶ | Random type SSR (optionally) |

DERATING CURVE



MECHANICAL DIMENSIONS

