

**3PH DC TO AC /AC TO AC SSR**

| 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-SS4-3P- 48 25 | 5-32VDC 80-280 VAC | 4-16mA | 480VAC | 25Amp | 18Amp | 500A ² S |
| 2 | SSR-SS4-3P- 48 50 | 5-32VDC 80-280 VAC | 4-16mA | 480VAC | 50Amp | 35Amp | 3000A ² S |
| 3 | SSR-SS4-3P 48 90 | 5-32VDC 80-280 VAC | 4-16mA | 480VAC | 90Amp | 55Amp | 7200A ² S |

Input Technical Data

| | |
|-------------------------------------|-------------------|
| Input Control Supply Voltage | 5-32VDC/80-280VAC |
| Input Control Supply Current | 4-16mA |

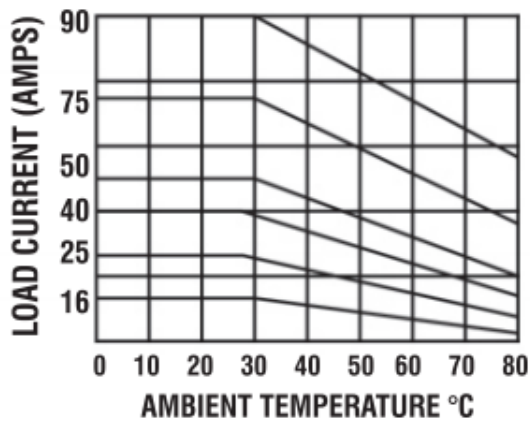
Output Technical Data

| | 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 | /15/30Amp AC |
| Frequency Range | Hz | 45-65 Hz |
| Max. OFF State Leakage Current | mA | <2 mArms |
| Minimum Holding Current | IH | 175/275/275mA |
| Max. Zero Voltage Turn ON | Vpk | 15 |



| | | |
|--|------------------|-------------------------------|
| Rated Peak WithStand Current | ITSM | 320/775/1200A |
| Max. Load Integral $\int i^2dt$ (t=10ms) | I ² t | 500/3000/7200A ² S |
| Voltage Drop in ON-State | VTM | 1.3V |
| 3-Phase Motor | HP | 3HP/7.5HP/10 HP |
| | KW | 2.25kW/5.5kW/7.5kW |
| Isolation Voltage | KVA | 4KVA |

DERATING CURVE



ELECTRICAL CONNECTIONS

