

RANDOM DC TO AC SOLID STATE RELAY - MODEL 803

25AMP-MODEL 803 RDA 48 25 01 WITH "V-87" H.S.



Weight: 80gms SSR + 60gms Heat sink

Model 803 - 25Amp
Instant ON Switching SSR -Random Type
Input : 4-32VDC/4-16mA, Input LED Indication : **Red**
Output : 24-480VAC (47-63 Hz)
PIV : 800Vpk, I_T : 340A²S for 9.6mS
Body isolation : 4kV for 1min
I/P. to O/P. isolation : 6kV for 1min
Load Current : 18Amp @ 40 °C With Heat Sink V-87+Din

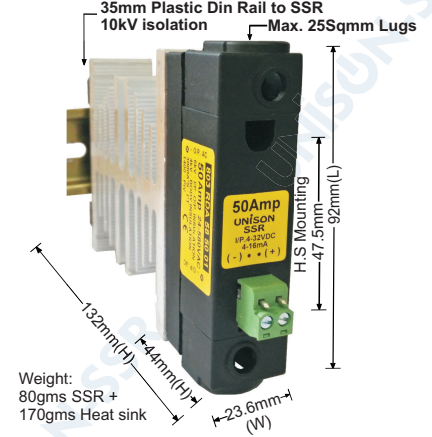
50AMP-MODEL 803 RDA 58 50 01 WITH "V-87" H.S.



Weight: 80gms SSR + 60gms Heat sink

Model 803 - 50Amp
Instant ON Switching SSR -Random Type
Input : 4-32VDC/4-16mA, Input LED Indication : **Red**
Output : 24-580VAC (47-63 Hz)
Short Circuit Protection by "B" Curve DP MCB.
15Amp Load Current/16Amp "B" Curve DP MCB
PIV : 1400Vpk, I_T : 3000A²S for 9.6mS
Body isolation : 4kV for 1min
I/P. to O/P. isolation : 6kV for 1min
1.) Load Current : 22AMP @ 40 °C With Heat Sink V-87+Din
2.) Load Current : 30AMP @ 40 °C With Heat Sink B-24+Din
3.) Load Current : 40AMP @ 40 °C With Heat Sink B-72+Din
Short Circuit Current Rating : 10KA for <3mS

50AMP-MODEL 803 RDA 58 50 01 WITH "B-24" H.S.



Weight: 80gms SSR + 170gms Heat sink

Model 803 - 50Amp
Instant ON Switching SSR -Random Type
Input : 4-32VDC/4-16mA, Input LED Indication : **Red**
Output : 24-580VAC (47-63 Hz)
Short Circuit Protection by "B" Curve DP MCB.
15Amp Load Current/16Amp "B" Curve DP MCB
PIV : 1400Vpk, I_T : 3000A²S for 9.6mS
Body isolation : 4kV for 1min
I/P. to O/P. isolation : 6kV for 1min
1.) Load Current : 22AMP @ 40 °C With Heat Sink V-87+Din
2.) Load Current : 30AMP @ 40 °C With Heat Sink B-24+Din
3.) Load Current : 40AMP @ 40 °C With Heat Sink B-72+Din
Short Circuit Current Rating : 10KA for <3mS

90AMP-MODEL 803 RDA 58 90 01 WITH "B-24" H.S.



Weight: 80gms SSR + 170gms Heat sink

Model 803 - 90Amp
Instant ON Switching SSR -Random Type
Input : 4-32VDC/4-16mA, Input LED Indication : **Red**
Output : 24-580VAC (47-63 Hz)
Short Circuit Protection by "B" Curve DP MCB.
63Amp Load Current/63Amp "B" Curve DP MCB
PIV : 1400Vpk, I_T : 7200A²S for 9.6mS
Body isolation : 4kV for 1min
I/P. to O/P. isolation : 6kV for 1min
1.) Load Current : 40Amp @ 40 °C With Heat Sink B-24+Din
2.) Load Current : 60Amp @ 40 °C With Heat Sink B-72+Din
Short Circuit Current Rating : 10KA for <3mS

50AMP-MODEL 803 RDA 58 50 01 WITH "B-72" H.S.



Weight: 80gms SSR X 3nos. + 500gms Heat sink

Model 803 - 50Amp
Instant ON Switching SSR -Random Type
Input : 4-32VDC/4-16mA, Input LED Indication : **Red**
Output : 24-580VAC (47-63 Hz)
Short Circuit Protection by "B" Curve DP MCB.
15Amp Load Current/16Amp "B" Curve DP MCB
PIV : 1400Vpk, I_T : 3000A²S for 9.6mS
Body isolation : 4kV for 1min
I/P. to O/P. isolation : 6kV for 1min
Load Current : 16AMP X 3Nos. = 48AMP @ 40 °C With Heat Sink B-72+Din
Short Circuit Current Rating : 10KA for <3mS

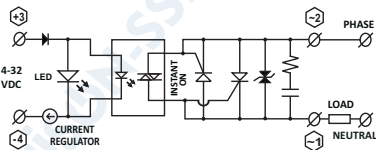
50AMP-MODEL 803 RDA 58 50 01 WITH "B-96" H.S.



Weight: 80gms SSR X 4nos. + 660gms Heat sink

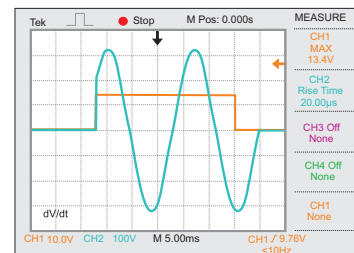
Model 803 - 50Amp
Instant ON Switching SSR -Random Type
Input : 4-32VDC/4-16mA, Input LED Indication : **Red**
Output : 24-580VAC (47-63 Hz)
Short Circuit Protection by "B" Curve DP MCB.
15Amp Load Current/16Amp "B" Curve DP MCB
PIV : 1400Vpk, I_T : 3000A²S for 9.6mS
Body isolation : 4kV for 1min
I/P. to O/P. isolation : 6kV for 1min
Load Current : 16AMP X 4Nos. = 64 AMP @ 40 °C With Heat Sink B-96+Din
Short Circuit Current Rating : 10KA for <3mS

RDA- RANDOM ON DC TO AC



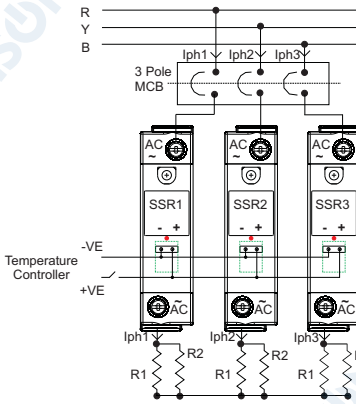
Approved By **CE** **LEAD-FREE RoHS COMPLIANT**
EN-60947-5-1

Random ON Waveform

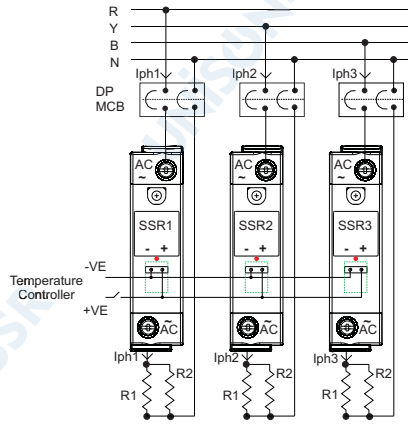


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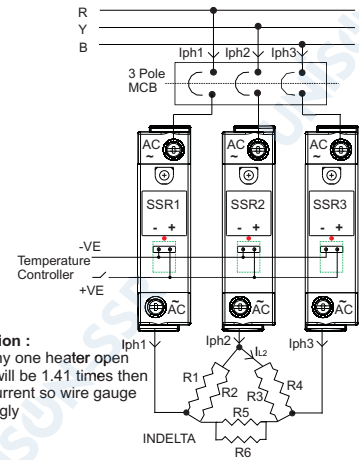
**Circuit diagram 803 model - ON/OFF type
Star Connection without neutral**



**Circuit diagram 803 model - ON/OFF type
Star Connection with neutral**

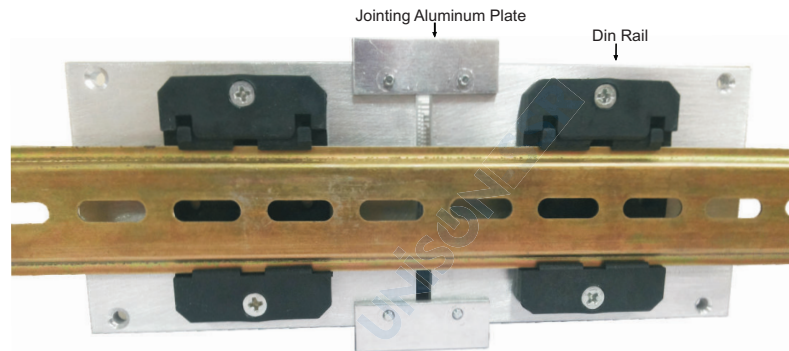
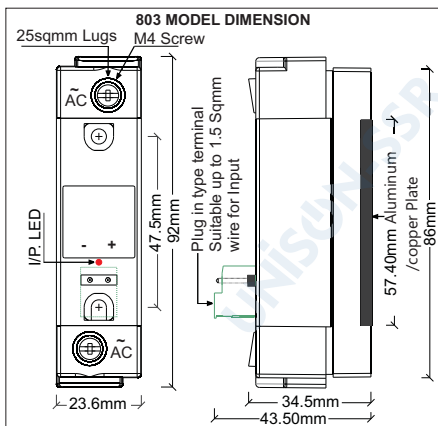
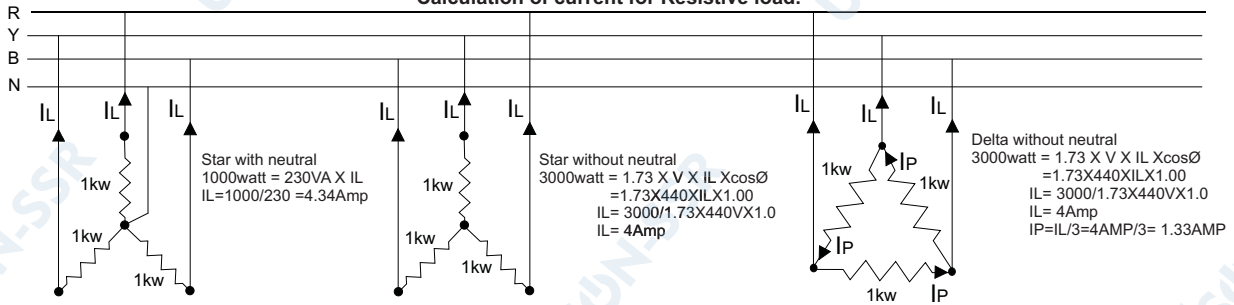


**Circuit diagram 803 model - ON/OFF type
Closed Delta Connection**



Precaution :
When any one heater open
current will be 1.41 times then
actual current so wire gauge
accordingly

Calculation of current for Resistive load.



Heat Sink B-96+Din Rail connected by
Jointing Aluminum Plate for uniform heat dissipation.
After mounting of SSR with Heat sink +
Jointing Aluminum Plate
you can din rail on 35mm Din channel.

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