

# 3PHASE UNIVERSAL INPUT SSR - ON/OFF - MODEL 905

## 50AMP-MODEL 905 3PH ZUA 48 50 02 WITH "A-100" H.S.

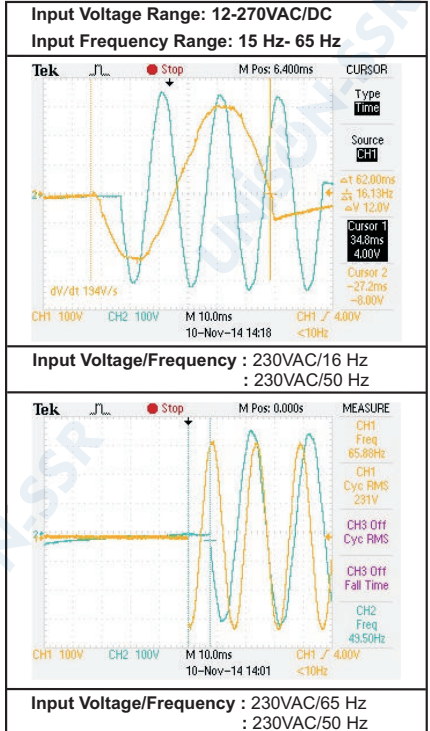


## 90AMP-MODEL 905 3PH ZUA 48 90 02 WITH "A-100" H.S.

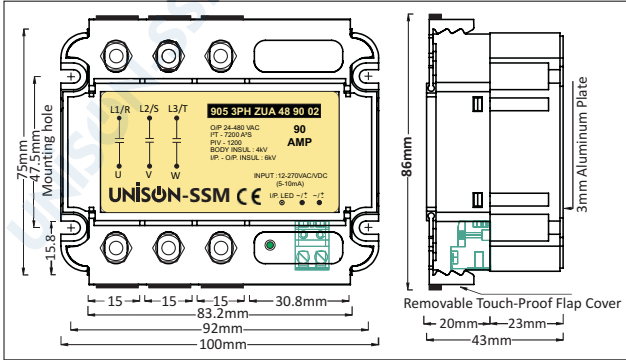


Model 905 3PH - 50Amp  
 Input : 12-270VAC/DC, 5-10mA, Plug in Type  
 Input AC Signal frequency : 15-65 Hz  
 Input LED Indication : **Green**  
 Output : 24-480VAC (47-63 Hz)  
 Short Circuit Protection by "B" Curve DP MCB.  
 15Amp Load Current/16Amp "B" Curve DP MCB  
 PIV : 1200Vpk, I<sup>2</sup>T : 3000A<sup>2</sup>S for 9.6mS  
 Body isolation : 4kV for 1min  
 I/P. to O/P. isolation : 6kV for 1min  
 Inbuilt surge voltage protection of 2700Vrms  
 Load Current : 21AmpX3=63Amp @55 °C  
 With Heat Sink A-100+Din  
 1)Load Upto 3 HP Motor With Heat Sink E-75 +Din  
 2)Load Upto 5 HP Motor With Heat Sink A-100 +Din  
 Zero Cross Over SSR  
 Short Circuit Current Rating : 10KA for <3mS

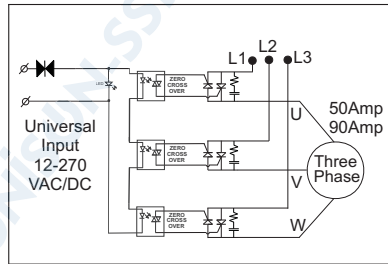
Model 905 3PH - 90Amp  
 Input : 12-270VAC/DC, 5-10mA, Plug in Type  
 Input AC Signal frequency : 15-65 Hz  
 Input LED Indication : **Green**  
 Output : 24-480VAC (47-63 Hz)  
 Short Circuit Protection by "B" Curve DP MCB.  
 40Amp Load Current/40Amp "B" Curve DP MCB  
 PIV : 1200Vpk, I<sup>2</sup>T : 7200A<sup>2</sup>S for 9.6mS  
 Body isolation : 4kV for 1min  
 I/P. to O/P. isolation : 6kV for 1min  
 Inbuilt surge voltage protection of 2700Vrms  
 Load Current : 25AmpX3=75Amp @55 °C  
 1)Load Upto 3 HP Motor With Heat Sink E-75 +Din  
 2)Load Upto 7.5 HP Motor With Heat Sink A-100 +Din  
 With Heat Sink A-100 +Din  
 Zero Cross Over SSR  
 Short Circuit Current Rating : 10KA for <3mS



### 905 3PH MODEL DIMENSION

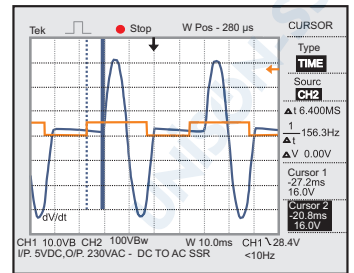


### Circuit Diagram- 905 MODEL 3PH UNIVERSAL

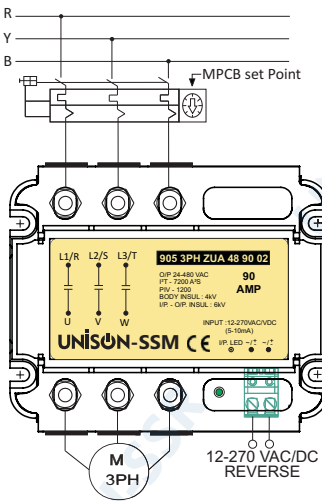


- ⇒ INBUILT Snubber for protect the Harmonic & Power Factor.
- ⇒ INBUILT TVS protect Surge Voltage.

### Zero Crossover Waveform - Output



### 3 Phase Universal Input Connection with MPCB



- MPCB Protection**  
 Motor Protection  
 Circuit Breaker
- Single Phase Preventer
  - Over Load setting Range
  - Manually Start Button
  - Manually Stop Button
- Available Make**
- GE make
  - Telemacanique
  - Siemens

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