

# CM0900

## Fully Configurable Automatic Transfer Switch Control Module

For 1 $\phi$  220V System\*1

### Features

- Micro-Processor Based Design
- Compact Size with User-Friendly Status LED Display
- Simple Push Button Operation
- Remote Engine Start Signal
- Provide AC220V for External Exerciser Timer
- Acceptable Plant Exerciser Test Signal Input
- No Generator Battery Connection Needed
- Provide Over & Under Volt Monitoring & Protection for Normal Sources
- Configurable TDEN TDNE TDES & TDEC Time Setting by Dip Switch
- Circuits Are Finger Safe with High Voltage Fuses & Epoxy Protection



### Normal Source Voltage Monitoring

- Over Voltage 270 VAC
- Over Voltage Reset 265 VAC
- Under Voltage 180 VAC
- Under Voltage Reset 185 VAC

### Specifications

- **Input Control Voltage** 160~280 VAC 50/60 Hz
- **Generator Start Relay** 7A @ 250 VAC Max.
- **Transfer to Normal Relay** 7A @ 250 VAC Max.
- **Transfer to Standby Relay** 7A @ 250 VAC Max.

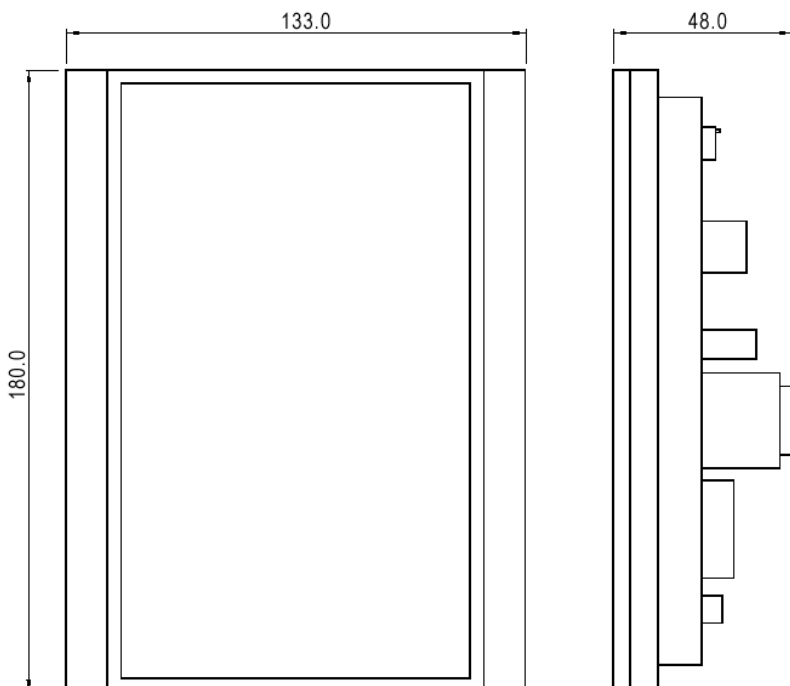
### User-Friendly Status LED Display

- Display AUTO/TEST Status
- Over / Under Volts For Normal Source
- Normal / Emergency Source Connected

### Environment

- **Operating Temperature** -20~70 °C
- **Storage Temperature** -35~85 °C
- **Relative Humidity** Maximum 90%

### Mechanical Specifications (Unit : mm)



### Adjustable Timers

- **TDNE** 2, 10, 20 & 30 sec.
- **TDES** 2, 5, 10 & 15 sec.
- **TDEN** 2, 10, 120 & 300 sec.
- **TDEC** 2, 30, 120 & 300 sec.

### Physical Specification

- **Panel Cut-Out** 113.0 x 168.0  $\pm$ 0.5 mm
- **Dimensions** 180.0 (L) x 133.0 (W) x 48.0 (H) mm
- **Weight** 632 g  $\pm$ 2%

\*1 When the system voltage is different from 1 $\phi$  220 VAC, please use ATS-01 programmable ATS control module.

