

ATS-PLC

Programmable Automatic Transfer Switch (ATS) Controller

User-friendly colorful touch screen design

Features

- Micro-processor based design
- Compact size with 5.7-inch colorful screen
- Simple touch panel for programming & operation *1
- Provides Volt / Freq. monitoring & protection for both normal & emergency sources
- Provides reverse phase sequence monitoring & protection
- Provides over current or short circuit monitoring & protection
- Optional KCU modules for USB / RS485 / Ethernet remote control
- Built-in 1 to 4 weeks exerciser timer
- Multi-language support
- Build-in 4 digitals password & 40 event logs functions

*1 All operation can be done directly on touch panel or from PC connection.



Specifications

Power Supply Voltage	8 to 60 Vdc
CT Specification	Burden Above 2.5 VA
CT Secondary Rated Amps	5A
Generator Start Relay	7A @ 250 Vac Max.
Transfer to Normal Relay	7A @ 250 Vac Max.
Transfer to Standby Relay	7A @ 250 Vac Max.
Alarm Output Auxiliary Relay	7A @ 250 Vac Max.

Colorful Touch Screen Specifications

Display Type	a-Si TFT
Display Size	5.7-inch Diagonal
Resolution	640 x RGB x 480
Color Depth	262K
Pixel Size	0.18 x 0.18 mm
Active Area	115.2 x 86.4 mm (W x H)
Backlight Type	LED

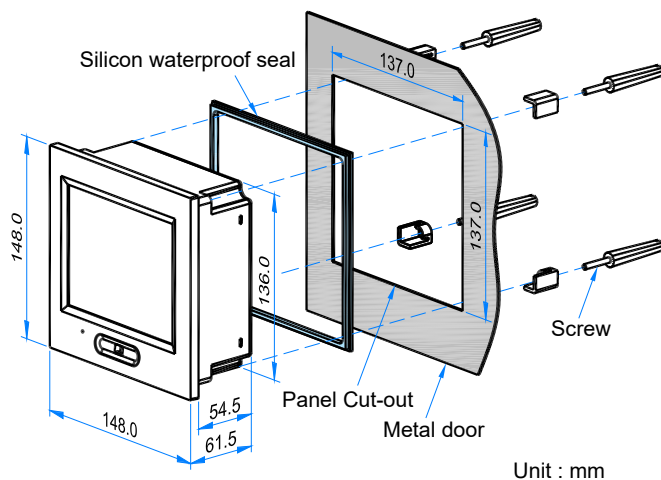
Full Phase Voltage & Frequency Monitoring

Over Voltage Adjustable Range	110 to 530 Vac
Under Voltage Adjustable Range	80 to 470 Vac
Over Frequency Adjustable Range	51 to 75 Hz
Under Frequency Adjustable Range	40 to 59 Hz

Adjustable Timers

TDNE	0 to 1800 hours
TDES	0 to 300 seconds
TDEN	0 to 1800 seconds
TDEC	0 to 1800 seconds
TDOFF	0 to 300 minutes
Engine Exerciser Test Period	0 to 120 minutes
Exerciser Test Cycle	1 to 4 weeks

Dimensions



Environment

Operating Temperature	-20 to +60 °C
Storage Temperature	-30 to +80 °C
Relative Humidity	Max. 90%

Physical Specifications

Panel Cut-Out	137.0 x 137.0 +/-0.2 mm
Dimensions	148.0 (L) x 148.0 (W) x 61.5 (H) mm
Weight	750 g +/-2%

