

ATS-33

Automatic Transfer Switch (ATS) Controller for Dual Gensets

User-friendly touch switches & LED display design

Features

- Micro-processor based & full glass panel design
- Smart m-Touch touch sensing design
- Compact size with user-friendly LED display
- Capacitive touch key programming & operation^{*1}
- Program settings are Auto-saved into memory and will remain saved even when power is disconnected
- Provides 3 or 1 phase voltage & frequency monitoring & protection for both generators source
- Transfer fail and start fail with dry contact alarm output
- Optional USB / RS485 / Ethernet remote communication functions
- Free APP for monitor and operate ATS & genset directly from smart phone
- Programmable duty time for each generator
- Specifically developed for telecommunication industry



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

User-Friendly 7 Segment & Status LED Display

- Programmable display with 3 phase voltage & frequency
- Programmable display duty time
- Engine warm-up and cooling real time countdown display
- Internal program settings & status display
- Display Auto/OFF/Bypass status
- Over/Under voltage & frequency alarm (both generators)
- Display real time power loop

Specifications

DC Power Supply Voltage	8-60 Vdc
AC Voltage Input	50-500 Vac
Frequency	50 / 60 Hz
Remote Start Contact	7A @ 250 Vac Max.
G1 ON Contact	7A @ 250 Vac Max.
G2 ON Contact	7A @ 250 Vac Max.
Alarm Output Contact	7A @ 250 Vac Max.

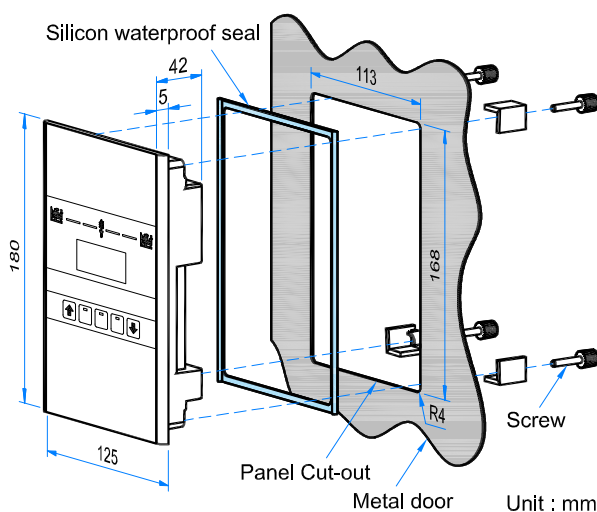
Full Phase Voltage & Frequency Monitoring

Over Voltage Adjustable Range	110-500 Vac
Under Voltage Adjustable Range	80-470 Vac
Over Frequency Adjustable Range	51-70 Hz
Under Frequency Adjustable Range	45-59 Hz

Environment

Operating Temperature	-20 ~ 70 °C
Storage Temperature	-30 ~ 80 °C
Relative Humidity	Max. 90%

Mechanical Specifications



Adjustable Timers

Duty Time for Genset-1	1-999 hours
Duty Time for Genset-2	1-999 hours
Time Delay From G1 to G2	0-250 sec.
Time Delay From G2 to G1	0-250 sec.
Engine Cooling Time for Both Gensets	0-250 sec.
Time Delay Center OFF	0-99 sec.

Physical Specification

Panel Cut-Out	113.0 x 168.0 +/- 0.5 mm
Dimensions	125.0 (L) x 180.0 (W) x 42.0 (H) mm
Weight	495 g +/- 2%



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