

ATS-245 For AC 200V / 220V / 240V Only

ATS-385 For AC 380V / 415V Only

ATS-465 For AC 440V / 460V / 480V Only

Programmable Automatic Transfer Switch Controller

Features

- Micro-processor based & Polycarbonate front panel
- Membrane switch button designed
- Compact size with user-friendly 7 segment LED display
- Direct operation on front panel with program settings auto-save in non-volatile random-access memory (NVRAM)
- Full phase voltage/frequency monitor & protection for Normal & Standby source
- Transfer fail alarm, Pre-exerciser or Pre-transfer signal output
- [Communication Port for Remote Monitoring and Control Options](#) *
- Direct monitor and operate ATS & Genset via Smartphone
- Built-in 1 to 4 weeks exerciser timer
- Built-in noise filter for Normal & Standby source

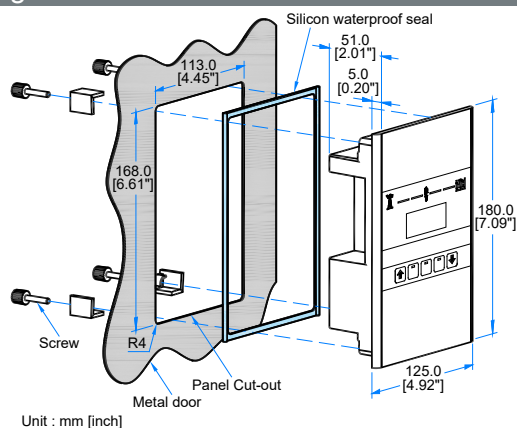
User-Friendly 7 Segment & Status LED Display

- Programmable display with 3 phase voltage & frequency
- Current time display on OFF mode
- TDEN / TDNE / TDEC / TDES / TDOFF countdown display
- Internal program settings & status display
- Display Auto / OFF / Test status
- Over / Under voltage & frequency alarm (both sources)
- Display real time power loop

Full Phase Voltage & Frequency Monitoring

Over Voltage Adjustable Range	ATS-245	210 to 290 Vac
	ATS-385	390 to 490 Vac
	ATS-465	450 to 530 Vac
Under Voltage Adjustable Range	ATS-245	160 to 230 Vac
	ATS-385	300 to 410 Vac
	ATS-465	350 to 470 Vac
Over Frequency Adjustable Range	51 to 75 Hz	
Under Frequency Adjustable Range	40 to 59 Hz	

Drawing and Dimensions



*System voltage 180 Vac or above is required to use with optional KCU-40 or KCU-50 communication module.

Electrical Specifications

AC Voltage Input Range	ATS-245	160 to 290 Vac
	ATS-385	300 to 490 Vac
	ATS-465	350 to 530 Vac
Frequency	50/60 Hz	
Generator Start Relay	7A @ 250 Vac Max.	
Transfer to Normal Relay	5A @ 250 Vac Max.	
Transfer to Standby Relay	5A @ 250 Vac Max.	
Alarm Output Auxiliary Relay	7A @ 250 Vac Max.	

Adjustable Timers

TDNE	0 to 250 seconds
TDES	0 to 30 seconds
TDEN	0 to 999 seconds
TDEC	0 to 250 seconds
TDOFF	0 to 99 seconds
Engine Exerciser Test Period	0 to 99 minutes
Exerciser Test Cycle	1 to 4 weeks

Operating Environment

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

Physical Specifications

Panel Cut-Out	113.0 x 168.0 +/-0.5 mm
Dimensions	180.0 (L) x 125.0 (W) x 51.0 (H) mm
Weight	890 g +/-2%



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