

# PTS Programmable Automatic Transfer Switch (ATS)

2P/3P/4P 400Amp 110Vac - 480Vac

## Features

- Integrated controller with switch, save space, installation time and cost
- 3.5" color LCD panel, analog gauge-style and digital meter display, multilingual user interface
- Built-in Wi-Fi and Bluetooth connectivity—no additional communication module required
- Monitors and displays full-phase voltages, phase loss, frequency, and reverse phase sequence for both utility and generator power sources
- Equipped with both electric and manual operation functions, featuring mechanical and electrical interlock protection to prevent simultaneous connection of utility and generator power sources to the load.
- Equipped with Lockout-Tagout (LOTO) to prevent accidental energization that may cause electric shock or equipment damage
- All settings can be configured directly on front panel or through Bluetooth connection with a smartphone
- Provides auxiliary contact outputs for both utility and generator power sources
- PTS firmware can be updated via Wi-Fi network or USB connection to a PC
- Controlled pause at the OFF position for both utility and generator power sources during transfer
- Supports automatic exercise scheduling configurable from 1 to 4 weeks.
- Main transfer switch is available in Class CB or PC; When a Class CB breaker trips, a message will be displayed accordingly.
- All fault messages are accompanied by an alarm sound to alert the user
- Stores up to 250 event logs to facilitate fault tracking and analysis
- Provides one set each of user-selectable from assigned function output and input contacts.
- Programmable pause period in Auto Mode to prevent unnecessary generator operation (DC power input required)
- Optional [ATSC403B](#) enables synchronized operation and monitoring.
- Compliant with IEC 60947-6-1 International standard, AC-33A utilization category, and UL 1008 Type A standards
- Features remote diagnostic capability with code displays for settings, sensor status, and input voltage, enabling factory technicians to analyze unexpected events.



**PTS Type ATS**  
Programmable Automatic Transfer Switch  
www.kutai.com.tw

TAIWAN Patent No. I881448

U.S. Patent Pending

China Patent Pending

- Free iOS and Android GenOnCall®App for user to download
- Offer push notifications for ATS status and event logs for queries.
- Allows one operator and up to seven viewers to remotely operate, monitor the status, and adjust all relevant settings for the generator set via network access simultaneously.

※ The blue text indicates remote connection feature. KUTAI offers a 60 days free trial for the remote connection feature, allowing user to monitor the ATS anytime.

## Main Switch Specification (For Class CB only)

No. of Poles	Rated Insulation Voltage $U_i$ (V)	Rated Current $I_e$ (A) Ambient Temperature 40°C	AC Rated Breaking Capacity (For Class CB only) IEC 60947-2 $I_{cu} / I_{cs}$ (KA)			
			220V / 240V	380V / 415V	440V	550V
2P / 3P / 4P	690	250 / 300 / 350 / 400	50 / 25	30 / 15	25 / 13	20 / 10

## Main Switch Specification (For Class PC only)

No. of Poles	Rated Insulation Voltage $U_i$ (V)	Rated Current $I_e$ (A) Ambient Temperature 40°C	Short-time Withstand Current ( $I_{cw}$ )
2P / 3P / 4P	690	400	10 KA @25 ms

\*1 Class CB : Provides over current protection. The main contacts are capable of making and breaking short circuit currents.

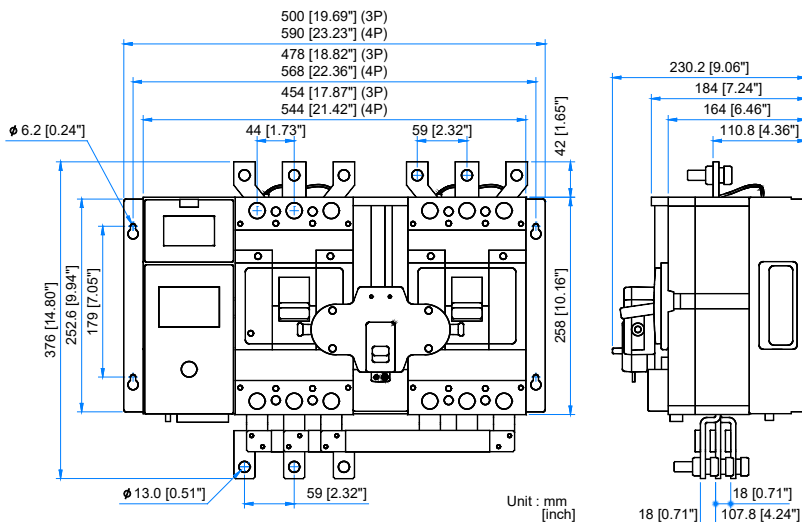
\*2 Class PC : Capable of making and withstanding short-time short-circuit current, but not expected to break short-circuit current.

## Electrical Specifications

Operating Voltage ( $U_e$ )	Refer to Model Description Field	<b>TDEN Time Delay Emergency to Normal</b>	0 to 999 seconds
Rated Frequency	50/60 Hz	<b>TDNE Time Delay Normal to Emergency</b>	0 to 250 seconds
Remote Start Signal Output	7A @ 250 Vac Max.	<b>TDES Time Delay Engine Start</b>	0 to 15 seconds
Utility Power Input Auxiliary Contact Output	3A @ 250 Vac Max.	<b>TDEC Time Delay Engine Cool-down</b>	0 to 250 seconds
Generator Power Input Auxiliary Contact Output	3A @ 250 Vac Max.	<b>TDOF Time Delay in OFF position</b>	0 to 99 seconds

## Adjustable Timer Settings

## Dimensions



## Environment

Operating Temperature	-20 to +50 °C
Storage Temperature	-30 to +80 °C
Relative Humidity	Max. 90%

## Physical Specifications

<b>Dimensions</b>	2P/3P : 500.0 (L) x 376.0 (W) x 230.2 (H) mm 4P : 590.0 (L) x 376.0 (W) x 230.2 (H) mm
<b>Weight</b>	2P : 17.9 Kg ± 2% / 3P : 19.9 Kg ± 2% / 4P : 24.4 Kg ± 2%

## Optional Accessory

<a href="#">C400-3/C400-4</a>	Terminal Cover Set
<a href="#">ATSC403B</a>	Extended Operation Display Module
<a href="#">ANK92</a>	Wi-Fi Antenna with Base
<a href="#">KCU-IF</a>	Interface for KCU Communication Module
<a href="#">KCU-05</a>	Modbus-RTU Communication Module
<a href="#">KCU-06</a>	SNMP Communication Module
<a href="#">KCU-07</a>	Modus TCP/IP Communication Module
<a href="#">KCU-31</a>	Ethernet Dynamic IP Communication Module



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