

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	Shor-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.

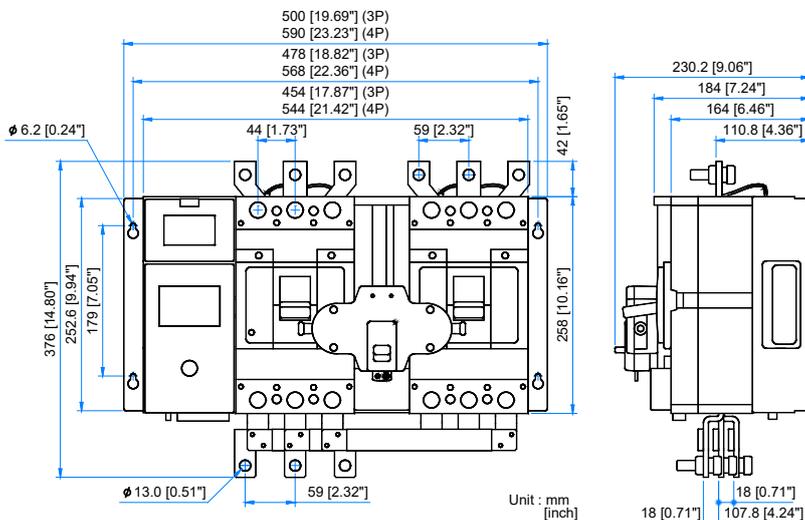
*2 Class PC : Capable of making and withstanding short-time short-circuit current, but not expected to break short-circuit current.

Electrical Specifications

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

Dimensions	2P/3P : 500.0 (L) x 376.0 (W) x 230. (H) mm 4P : 590.0 (L) x 376.0 (W) x 230.2 (H) mm
Weight	2P : 17.9 Kg ± 2% / 3P : 19.9 Kg ± 2% / 4P : 24.4 Kg ± 2%

Optional Accessory

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



KUTAI ELECTRONICS INDUSTRY CO., LTD.

TEL : +886-7-8121771 FAX : +886-7-8121775 Website : www.kutai.com.tw
Headquarters : No.3, Ln. 201, Qianfu St., Qianzhen Dist., Kaohsiung City 806037 Taiwan

