

# Programmable Automatic Transfer Switch (ATS)

Rated Current 2P/3P/4P 250 Amp      2P 400 Amp

## Features

- Integrated programmable controller with switch save space, installation time and cost
- MCCB type with available as Class CB <sup>\*1</sup> / Class PC <sup>\*2</sup> models
- Electrical and Manual operation, Lug connections to avoid crimping
- Safety lock to avoid injury to personnel during maintenance
- Color LCD display allows direct input of settings
- All phase voltage/frequency monitor & protection for Utility & Generator
- Auxiliary contacts to indicate Utility or Generator MCCB closed
- Adjustable central "OFF" position timer
- Adjustable Weekly exercise timer from 1 to 4 weeks
- Both mechanical and electrical interlock protections
- Complies with IEC60947-6-1 and AC-33A Utilization Category
- Optional communication modules for remote monitoring and control with a Smartphone
- Option of English, Spanish or Traditional Chinese language display
- All fault message accompany by an audio alarm to notify the user



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www.kutai.com.tw

TAIWAN Pat. No. M553490

## MCCB Rated Current and Rated Breaking Capacity (Class CB only)

No. of Poles	Rated Insulation Voltage Ui (V)	Rated Current (A) Ambient Temperature 40°C	Rated Breaking Capacity IEC 60947-2 Icu / Ics (KA)			
			220V / 240V	380V / 415V	440V	550V
2P / 3P / 4P	690	250	50 / 25	30 / 15	25 / 13	20 / 10

## Electrical Specifications

**Operating Voltage** Refer to Model Number Description

**Rated Frequency** 50 / 60 Hz

**Remote Start Output** 7A @ 250 Vac Max.

**Auxiliary Output** 3A @ 250 Vac Max.

## Adjustable Timer Settings

**TDNE Time Delay Normal to Emergency** 0 to 250 seconds

**TDES Time Delay Engine Start** 0 to 15 seconds

**TDEN Time Delay Emergency to Normal** 0 to 999 seconds

**TDEC Time Delay Engine Cool-down** 0 to 250 seconds

**TDOF Time Delay in OFF position** 0 to 99 seconds

## Model Number Description

Product	No. of poles		IEC Category		Rated Current		Safety Certification		Applicable Voltages (VAC)		Enclosure	
BTB	3		B		2		X		D		C	
	2	2P (1P/2W)	B	Class CB <sup>*1</sup>	1	100A	U	UL Certified <sup>*4</sup>	1	100 / 110 / 120	Blank	No enclosure
	3	3P (3P/3W)	P	Class PC <sup>*2</sup>	2	250A	X	Standard	2	200 / 220 / 240	C	With indoor enclosure
	4	4P (3P/4W)			3	400A <sup>*3</sup>			3	380 / 415	E	With outdoor enclosure
									4	440 / 460 / 480		
									D	110 to 480 <sup>*5</sup>		

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

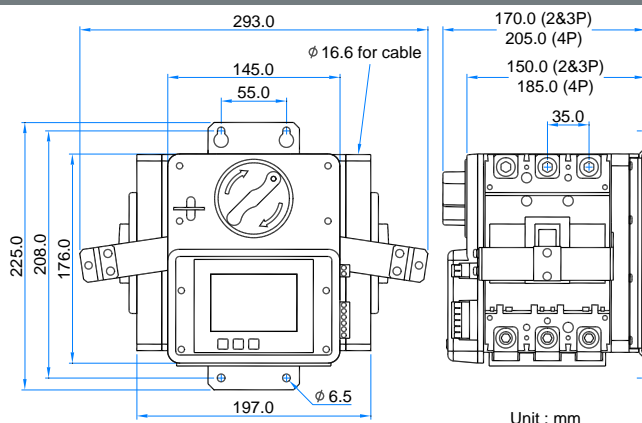
<sup>\*2</sup> Class PC: Able to withstand but not capable of breaking short-circuit current.

<sup>\*3</sup> Uses 4P MCCB connected as 2P for 400A load current.

<sup>\*4</sup> UL products are Class PC. UL Certification pending. (Contact mtspowerproducts.com)

<sup>\*5</sup> Requires 9 to 36 VDC power input for control circuit.

## Dimensions



## Operating Environment

**Operating Temperature** -20 to +70 °C

**Storage Temperature** -30 to +80 °C

**Relative Humidity** Less than 90%

## Physical Specifications

**Dimensions** 2P : 225.0 (L) x 293.0 (W) x 170.0 (H) mm

3P : 225.0 (L) x 293.0 (W) x 170.0 (H) mm

4P : 225.0 (L) x 293.0 (W) x 205.0 (H) mm



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