

# Programmable Automatic Transfer Switch (ATS)

Rated Current 2P/3P/4P 100Amp/250Amp & 2P 400Amp

## Features

- Integrated programmable controller with switch save space, installation time and cost
- MCCB type with available as Class CB \*1 / Class PC \*2 models
- Electrical and Manual operation, Terminal Lugs 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 [CTM-25](#) Current Transformer (CT) & Communication Module for remote monitoring and control with a Smartphone
- Optional [C250-3 / C250-4](#) Terminal Cover Set are available
- Option of English, Spanish, Japanese or Traditional Chinese language display
- All fault message accompany by an audio alarm to notify the user



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## 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	100 / 250	50 / 25	30 / 15	25 / 13	20 / 10
2P	690	400	50 / 25	30 / 15	25 / 13	20 / 10

## Specifications

<b>Operating Voltage</b>	Refer to Model Number Description
<b>Rated Frequency</b>	50/60 Hz
<b>Remote Start Output</b>	7A @ 250 Vac Max.
<b>Auxiliary Output</b>	3A @ 250 Vac Max.

## Adjustable Timer Settings

<b>TDEN Time Delay Emergency to Normal</b>	0 to 999 seconds
<b>TDNE Time Delay Normal to Emergency</b>	0 to 250 seconds
<b>TDES Time Delay Engine Start</b>	0 to 15 seconds
<b>TDEC Time Delay Engine Cool-down</b>	0 to 250 seconds
<b>TDOF Time Delay in OFF position</b>	0 to 99 seconds

## Model Number Description

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

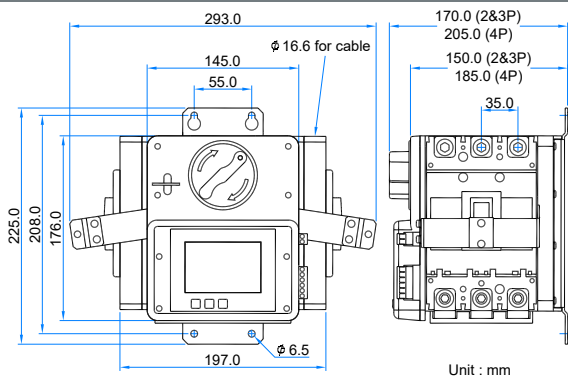
\*1 Class CB: Provides over current protection. The main contacts are capable of making and breaking short circuit currents.

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

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

\*4 Requires 9 to 36 VDC power input for control circuit.

## Dimensions



## Environment

**Operating Temperature** -20 to +60 °C

**Storage Temperature** -30 to +80 °C

**Relative Humidity** Max. 90%

## Physical Specifications

**Dimensions** 2P/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

**Weight** 2P250A : 5.1 Kg ± 2%

3P250A : 5.6 Kg ± 2%

4P250A : 6.8 Kg ± 2%

2P400A : 7.0 Kg ± 2%



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