

## Automatic Transfer Switch + Enclosure

AX2 + ENCL

**IP54**

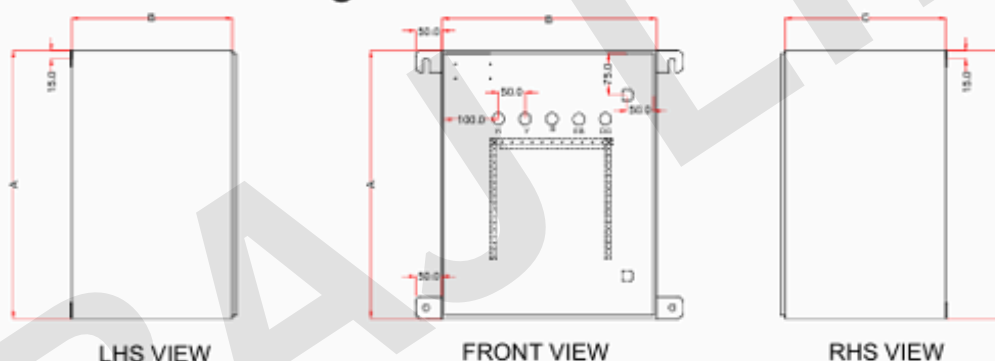
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Type Item	B	GB	L
Control Voltage	AC230V 50/60Hz		
Aux. power supply	No		DC12-36V
Voltage measure range	No		40~300V
Power Consumption	≤ 10W		≤ 10W
Working Position	(I-O-II) Three working position		
Operating Mode	Manual, Auto	Manual, Remote	Manual, Auto, Remote
Display Mode	LED Indicator		
Transfer Mode	Auto transfer auto recovery	No	Source Priority Setting
Under-volt. Protection	No		160-200V Adjustable
Over-volt. Protection	No		240-290V Adjustable
Over/under Frequency	No		40Hz~60Hz Adjustable
Transfer Delay	No		0-300s Adjustable
Recovery Delay	No		0-300s Adjustable
Phase Monitor	Single Phase (R phase)		(R,Y,B)Three phase monitoring
Generator Control	Yes (One set relay dry contact)	No	Yes (One set relay dry contact)
Fire-linkage	Fire-Emergency (passive contact input with passive contact output)	No	Remote Control (I-O-II)
Isolation Lock	OFF position with isolation and padlock facility		
Overload Setting	No		Adjustable with CT input
Centre Delay	No		0-5s Adjustable
RS485 Communication	No		Optional
Installation Mode	Integrated (No display)		Integrated (No display)/ Split (with display) optional
Source 1 & Source 2 position indicator	Yes 230 Volts Direct supply	Yes 230 Volts Direct supply & 1 set of Passive contact	Yes 230 Volts Direct supply

## Product Feature

- ATS adopts double complex contact/ horizontal pulling mechanism to ensure self cleaning and proper connection
- Adopts reliable mechanical interlock and electric interlock, Contact units adopts independent load disconnect switch and ensures reliable and safe operation
- ATS moves to Null Point (OFF) under emergency situation ( cutoff two way power supply, meet the fire emergency requirements;
- ATS is operated by a single phase motor enabling smooth and reliable switching
- The driving motor is energised only during change over, under stable working status no supply is provided across the motor, hence avoiding power losses
- The Contact Units have mechanical interlock to ensure the Normal power and Reserve Power works reliably without interference;
- Distinct position indicator, padlock function etc., makes the product reliable and safe during service
- Pass word protected Set values, Flexible automation, , high reliability with a working life more than 8000 times;
- Electromechanical integration design, accurate change over, flexible smooth, adopts international advanced logical control technology, high anti-interference ability, no interference outward.
- Easy installation, control circuit adopt plug type terminal connection and provision for spreaders and phase separators gives additional support for safe termination either through Cables or through Bus Bars
- operating functions:Auto, Manual and Remote

### General Arrangement :



Current	A in mm	B in mm	C in mm	Busbars T
63A	500mm	400mm	300mm	12 X 3 Cu
100-125A	500mm	400mm	300mm	12 X 6 Cu
160A	650mm	450mm	300mm	20 X 10 Al
200-250A	700mm	500mm	350mm	30 X 10 Al
315A	1000mm	600mm	400mm	40 X 10 Al
400-630A	1000mm	600mm	400mm	40 X 10 Al 2R