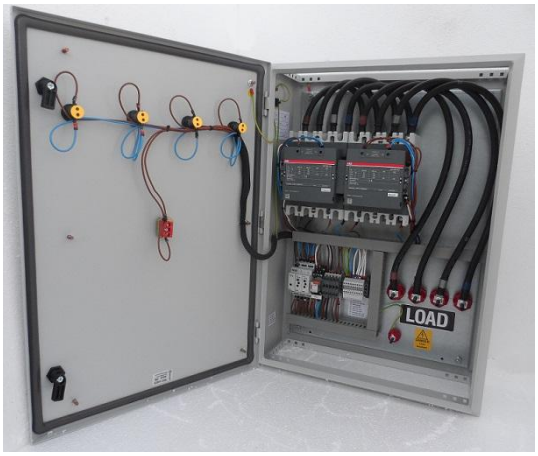
Automatic load transfer switch



Standard features (all control types)

- 1 x Pair of contactors or circuit breakers, mechanically and electrically interlocked
- 1 x Set of control and monitoring fuses
- 1 x Set of generator, mains and load terminations

0 – 800 Amp

Mechanically and electrically interlocked contactors are used for the load transfer switch. Fitted in proprietary manufactured wall mounting cubicles with hinged front access door and removable gland plates to the top and base. Finished in grey RAL7032.

1000 – 1600 Amp

Mechanically and electrically interlocked moulded case circuit breakers (non-auto) with motor operators are used for the load transfer switch. Fitted in proprietary manufactured floor standing cubicles with hinged front access door and removable side and rear panels for ease of installation. Removable gland plates to the top and base. Finished in grey RAL7032.

2000 – 6300 Amp

Mechanically and electrically interlocked air circuit breakers (non-auto) with motor operators are used for the load transfer switch. Fitted in proprietary manufactured floor standing cubicles with hinged front access door and removable side and rear panels for ease of installation. Removable gland plates to the top and base. Finished in grey RAL7032.

Additional features	Control type B3	F3	B1	F1
Contactors can be used on higher ratings and circuit breakers on lower ratings.				
3 phase mains detection	*	*		
1 phase generator detection			*	*
Generator available indicator	*	*	*	*
Generator on load indicator	*	*	*	*
Mains available indicator	*	*	*	*
Mains on load indicator	*	*	*	*
Key switch selector	op	op	op	op
Settle delay time	0p	0p	0p	0p
Transfer delay (s)		*		*
Volt free contacts		*		*

* 2 position key switch - “Auto mode”, “ Auto mode with manual mains restoration”,

Blades Power Generation

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We reserve the right to amend specifications without prior notice.

Automatic load transfer switch

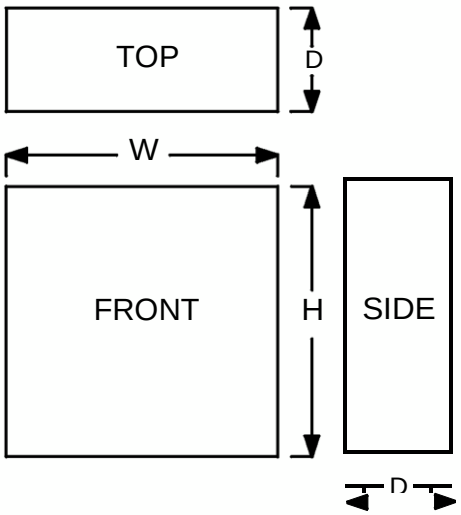
Specifications

All components meet relevant European standards and regulations.

Panel meters	IEC51 BS89
	IP55 -25+50ºc
Ammeters/voltmeters	Class 1.5
Frequency meters	Class 0.5
Selector switches	IEC73, 529
Circuit breakers;	
MCCB (non-auto)	IEC 947-3
ACB (non-auto)	IEC 947-3
Contactors	IEC 947-4-1

All contactors are rated AC1 (resistive) @ 40 degrees C. AC3 ratings are available on request.

Dimensions



RATING	H	W	D
16-45A	400	400	200
45-90A	500	400	200
100-125A	600	400	200
140-275A	700	500	200
350-550A	800	600	300
700-1000A	1200	800	400
1250-2000A	1800	1000	500
2500-4000A	2100	1000	600

NOTE: Certain combinations of additional options may require a larger enclosure.

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