

# 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.

Contactors can be used on higher ratings and circuit breakers on lower ratings.

## Additional features

	Control type			
	8A	8B	8C	8D
3 phase mains detection	X	X	X	X
1 phase generator detection			X	X
Mimic display		X		X
Generator available indicator		X	X	X
Generator on load indicator	X	X	X	X
Mains available indicator		X	X	X
Mains on load indicator	X	X	X	X
Key switch selector *				X
Delay on start timer			X	X
Delay on stop timer			X	X
Delay on restoration timer			X	X
Settle delay timer				X
Transfer delay (s)		X	X	X
Volt free contacts				X

\* 4 position key switch - "Auto mode", "Auto mode with manual mains restoration", "Run generator off load" and "Run generator on load".

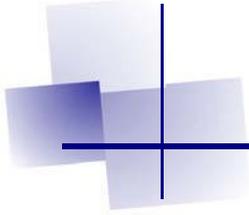
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**POWERCO SYSTEMS**

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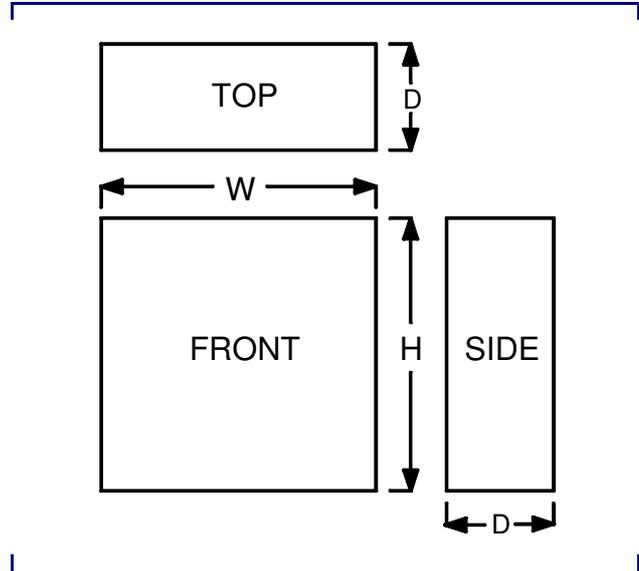
## Specifications

All components meet relevant European standards and regulations.

Panel meters	IEC51 BS89
	IP52 -25+50°C
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



	H	W	D
0-140A	500	400	250
160-275A	800	600	300
350-550A	1000	600	300
700-800A	1200	800	400
1000-2000A	2000	800	800
2500-4000A	2000	1000	800
5000-6300A	2000	1200	800

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

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We reserve the right to amend specifications without prior notice.