

## Analogue automatic mains failure

### Standard features

- 3 x Ammeters 72 din
- 1 x Voltmeter 72 din
- 1 x Voltmeter selector switch (7 position)
- 1 x Hours counter 48 din
- 1 x Frequency meter 72 din
- 1 x Set of instrument fuses
- 1 x Set of control fuses
- 3 x Current transformers
- 1 x 3 pole circuit breaker with overload and short circuit trips (0-800A only)
- 1 x Load transfer switch
- 1 x 3 phase and neutral mains detector with hysteresis
- 1 x 3A automatic battery charger
- 2 x Slave relays 20/30A (fuel and starter)

Automatic start generator control module with the following features:

- Key operated selector - "Off", "Auto", "Test"
- Charge fail indicator
- Failed to start indicator
- Generator available indicator
- Generator on load indicator
- Mains available indicator
- Mains on load indicator
- Low oil pressure shutdown and indicator
- High engine temp. shutdown and indicator
- Overspeed shutdown and indicator
- 2 x spare warnings or shutdowns
- Delay on start timer
- Multi attempt to start timer
- Protection hold off timer
- Warm up (settle) timer
- Delay on restoration timer
- Delay on stop (cool down) timer

### 0 – 800 amp

Utilising mechanically and electrically interlocked contactors 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

Utilising mechanically and electrically interlocked moulded case circuit breakers with motor operators for the load transfer switch. The generator MCCB includes overload and short circuit trips. 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

Utilising mechanically and electrically interlocked air circuit breakers with motor operators for the load transfer switch. The generator ACB includes overload and short circuit trips. 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.

## GENPART (UK) LTD

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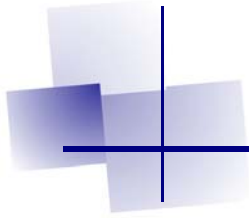
<http://www.genpart.co.uk>

Unit 5, Threxton Road Industrial Estate, Watton, Thetford, Norfolk, IP25 6NG, England

E. & O. E.

We reserve the right to amend specifications without prior notice.

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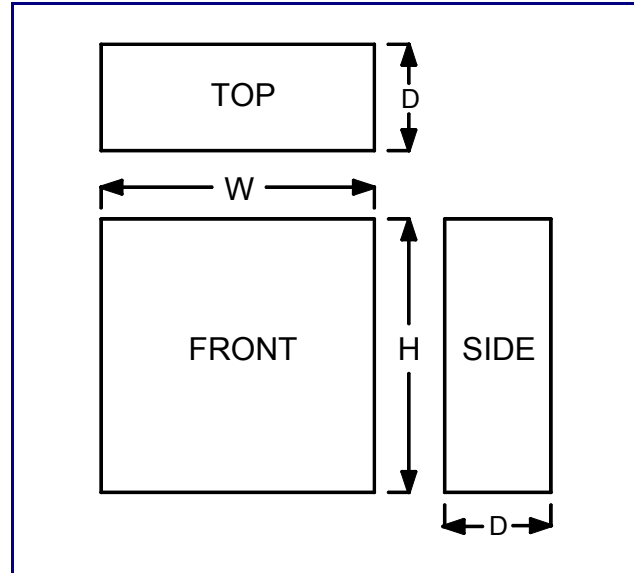
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## Optional extras

- Wattmeter
- kWh meter
- Power factor indicator
- Key switch overrides
- Under and over voltage protection relays
- 5/10A battery charger
- Earth leakage
- Engine gauges and senders
- Heater switches
- Volt free contacts
- Annunciators
- Emergency stop pushbutton
- Audible alarm

Where more optional extras are required check out the digital range.

## Dimensions



## 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;	
MCB	BSEN 60898
MCCB	IEC 947-2
ACB	IEC 947-2
Contactors	IEC 947-4-1
MCCB/ACB (non-auto)	IEC 947-3

	H	W	D
0-125A	600	600	250
140A	800	600	300
160-275A	1000	800	300
350-550A	1200	800	300
700-800A	1400	1000	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.

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

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