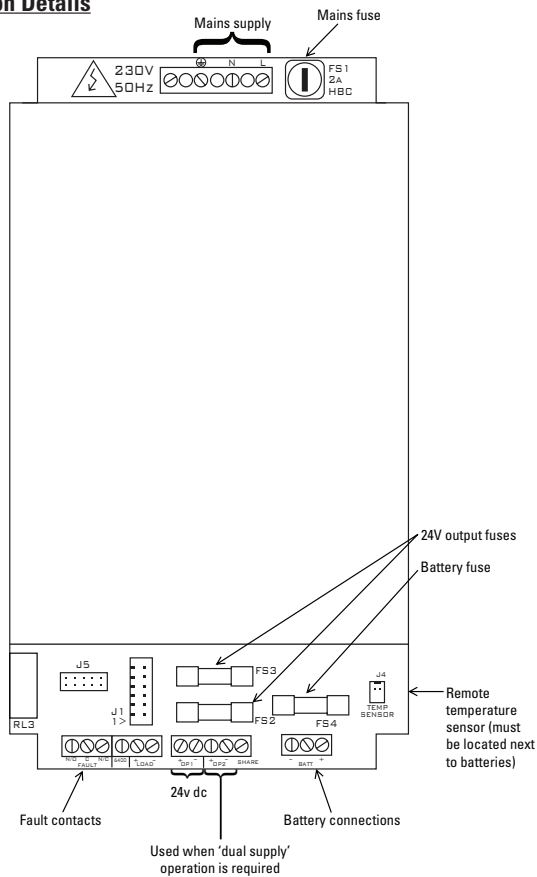


Technical Specification

| | |
|--|---|
| Mains Input Voltage | 230V ac nominal. Range 195 – 253V ac. For use in Singapore, voltage range is restricted to 215 – 245V ac |
| Mains Input Current | 1A maximum, fused at 2A (HBC type) |
| Load Outputs | 2 separate outputs, fused at 10A each (quick blow type) |
| Maximum Quiescent Load (Imax a) | 18 Ah batteries - 5A. 24Ah batteries - 5A. 38Ah batteries - 4A. 65Ah batteries - 3A |
| Maximum Alarm Load (Imax b) | 8A |
| Output Voltage | 25 – 29V dc with mains present. Battery voltage when mains failed |
| Output Ripple | 1V maximum peak to peak at full output load |
| Battery Charge Voltage | 27.3V dc at 20°C, temperature compensated at –40 mV/°C, fused at 13A |
| Maximum Battery Internal Resistance | 0.6 ohms |
| Battery Fault Levels | Undervoltage - 22V dc (fault relay operates). Overvoltage - 28.5V dc (fault relay operates) |
| Battery Low Voltage Cutoff | 18.5V dc (load removed from batteries) |
| Battery Monitoring | Compliant with EN54 Part 4 |
| Current Consumption From Batteries | 16mA maximum 30 seconds after mains failure From Batteries 0.5mA maximum when low volt disconnect active |
| Environment | 0-50°C ambient (95% R.H non-condensing) |
| Fault output | Changeover contacts rated at 5A 30V dc (non-inductive) |
| Batteries | Up to 24V 65Ah sealed lead acid (limited by 24 hour recharge to 85% capacity) |

Connection Details



| Battery Life | Model | Enclosure Dimensions (mm) | Batteries |
|--------------|-------------|---------------------------|------------------------|
| 4 Year | 9000/BC8/18 | 440(W) x 385(H) x 220(D) | 2 x 12V 18Ah Batteries |
| 4 Year | 9000/BC8/24 | 440(W) x 385(H) x 220(D) | 2 x 12V 24Ah Batteries |
| 4 Year | 9000/BC8/38 | 440(W) x 385(H) x 220(D) | 2 x 12V 38Ah Batteries |
| 4 Year | 9000/BC8/65 | 532(W) x 980(H) x 200(D) | 2 x 12V 65Ah Batteries |



Company Policy is one of continuous improvement, we reserve the right to change specification without prior notice

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