

BROOKNES TRIPPING BATTERY UNITS



- ✓ **NICKEL CADMIUM BATTERY**
- ✓ **HIGH PERFORMANCE**
- ✓ **LOW MAINTENANCE**
- ✓ **HIGH QUALITY**
- ✓ **ISO 9001**
- ✓ **CHARGE FAIL INDICATOR AS STANDARD**

The Brooknes range of tripping battery units provides a DC supply in electrical substations and switch rooms for the tripping and closing of circuit breakers.

The units are highly reliable and utilise maintenance free nickel cadmium batteries, which give high discharge currents and long life. An automatically controlled charger looks after the battery.

SPECIFICATIONS

AC Supply: 217/253 V (50/60 Hz).

Battery: Fully sealed sintered plate Nickel Cadmium battery. **MAINTENANCE FREE.**
Very high reliability.

Charger: Transistor controlled constant current type.

Indication: Mains on LED.
Charge fail LED.

Test Facility: A pushbutton is provided for battery condition monitoring. A dummy load is placed across the battery and the voltage is displayed on the front panel voltmeter.

Alarms: Volt free-changeover contacts are provided as a standard to indicate charger failure. These operate if the charge current should fall below 75% of nominal.

Enclosure: Robust sheet steel, wall mounting type. Hinged and lockable access door.

Brooknes Non Maintained Equipment range						
Equipment	DC Voltage	Tripping Current	Battery Capacity	Height	Width	Depth
SWT2412N	24	40A	1.4AH	500mm	300mm	160mm
SWT2440N	24	40A	4.0AH	500mm	500mm	160mm
SWT2470N	24	70A	7.0AH	500mm	500mm	160mm
SWT3012N	30	40A	1.4AH	500mm	300mm	160mm
SWT3040N	30	40A	4.0AH	500mm	500mm	160mm
SWT3070N	30	70A	7.0AH	500mm	500mm	160mm
SWT30100N	30	100A	10.0AH	500mm	500mm	160mm
SWT5012N	50	40A	1.4AH	500mm	300mm	160mm
SWT5040N	50	40A	4.0AH	500mm	500mm	160mm
SWT5070N	50	70A	7.0AH	500mm	500mm	160mm

Equipment Options

Standing load options are available on all equipment's with the following ratings:

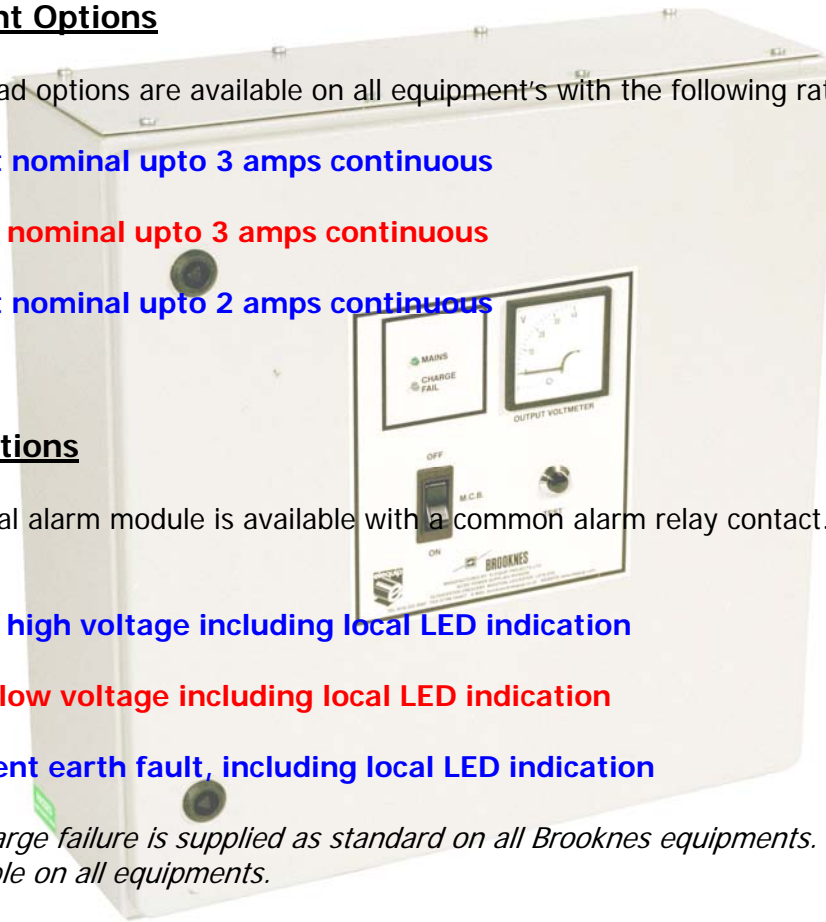
- TM 24 Volt nominal upto 3 amps continuous
- TM 30 Volt nominal upto 3 amps continuous
- TM 50 Volt nominal upto 2 amps continuous

Alarm Options

An additional alarm module is available with a common alarm relay contact. The alarm module monitors as follows:-

- Charger high voltage including local LED indication
- Battery low voltage including local LED indication
- Equipment earth fault, including local LED indication

Note – Charge failure is supplied as standard on all Brooknes equipments. Separate alarm contacts are also available on all equipments.



**For further advice, please consult our sales office.
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