

S800

PREPAID CARD TIMER

 **multicomp**



Construction Characteristics:

Number of conductors	: 2 wires.
Dielectric strength	: 4KV.
Type of register mechanism	: LCD display.
Display features	: Backlit 16 character/7 segment display.
Size of characters	: 8.8mm high, 4.9mm wide (maximum).
Minimum register	: 0.1KWh.
Maximum register	: 99 999.9KWh.
Constant	: 1500 impulse/kWh.
Temperature range	: -20°C to +60°C.
Size	: 196mm high, 152mm wide, 106mm deep.

Operational Characteristics:

Class of precision	: Class 2.
Nominal tension	: 220 - 240V.
Minimum current to operate	: 41mA.
Nominal current	: 20 - 80 Ampere.
Maximum current	: 80 Ampere.
Nominal frequency	: 50/60Hz.
Power range for functioning	: 200/250V.

Electricity Loses:

Nominal current loss in the coil	: 0
Nominal power loss in the coil	: 0
Total power loss in the coil (current + power)	: 0

Card Reader:

Horizontal 30 mm slot, magnetic head single track, motor driven card acceptor unit with card entry sensing locators. Customer friendly card operation, card reader accepts full card, an important factor in known historical security of prepaid electricity metering.

Memory Back Up:

Each S800 has a battery back up in case of loss of power

- PCB mounted 3 pin bobbin design.
- Creating high safety standards.
- 3.6 volts 1/2 AA Inorganic lithium battery.
- Battery life expectancy 10 years.
- Operating range : -55°C to +85°C.
- High energy density up to 650wh/kg.
- Capacity loss of less than 1% per year.



Battery mounted on PCB

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Case Construction:

Heavy-duty robust case, with integral terminal block, high quality phenolic moulding to a maximum thickness of 6.2mm, the case construction and design has very high insulating properties, and is suitable for tropical conditions as non-hygroscopic and comply with the flame test given in ISO EN 5685 Appendix B (clause 5.6). Security tamperproof design, with security seal fittings, rear of case access only.



Terminal Block:

Nickel plated brass terminals, are fitted for main terminals, the terminal cover is of a tamperproof construction and design, with a security lip fitting into the main meter case, and star constructed fixing for sealing with a 6.5mm screw head fitting.

Glass Front Viewing Panel:

99mm wide x 77mm high, held in place with two corner clips and adhesive compound approved within the company's strict environmental policy. Complies with EN61010 installation category 11 Pollution degree 2.

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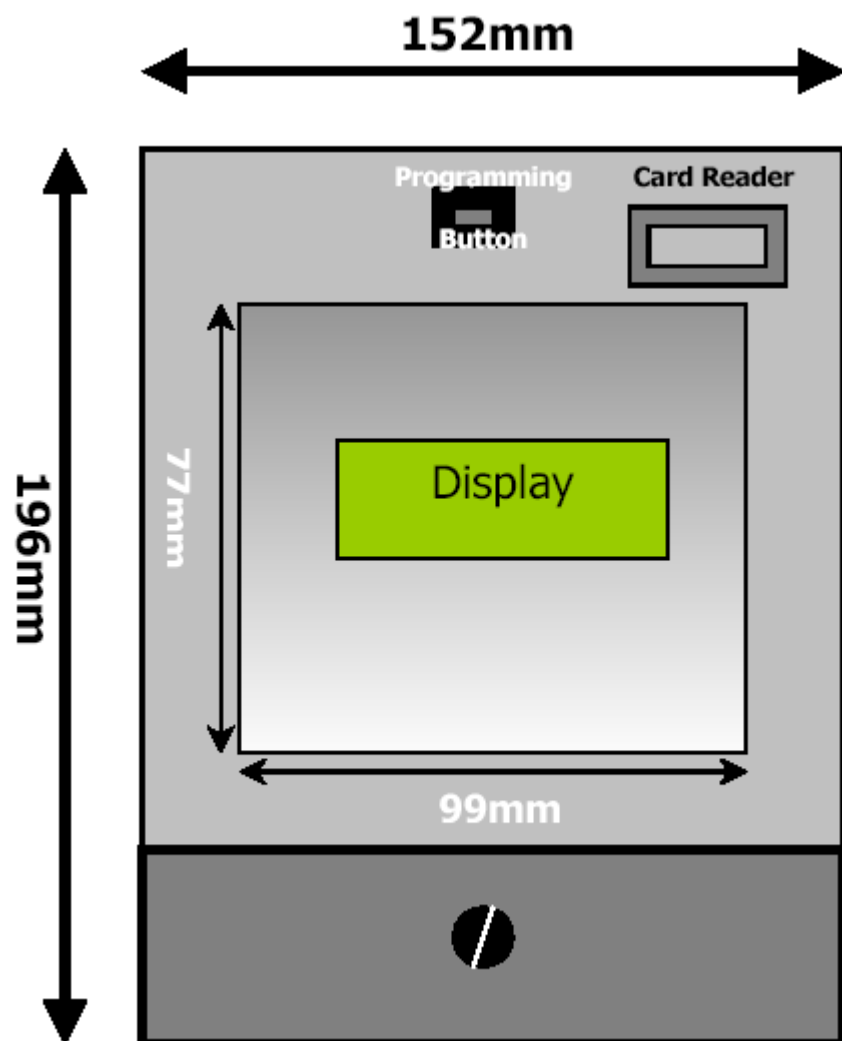
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Case Sizes:

Front:



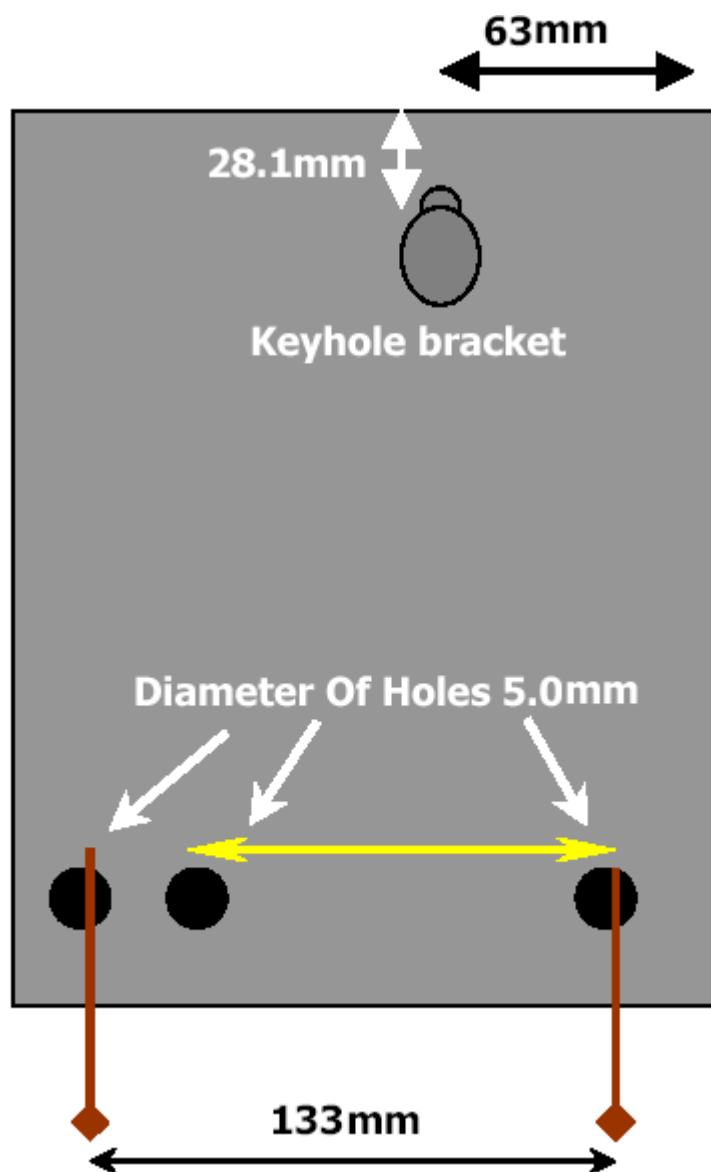
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Case Sizes:

Back:



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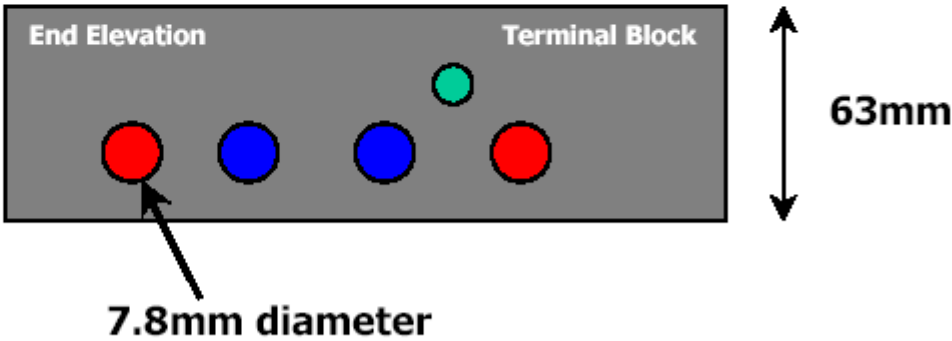
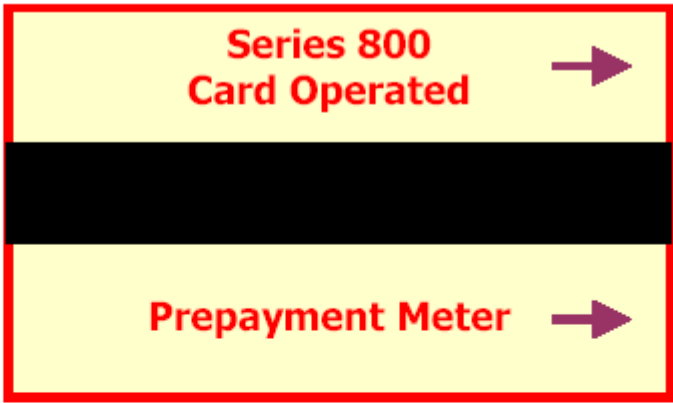
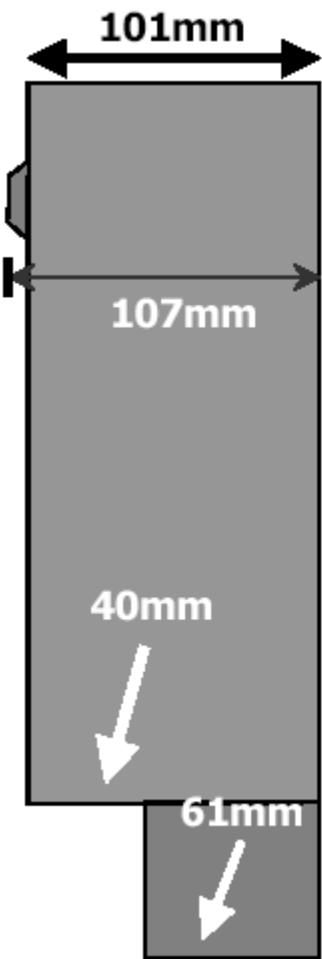
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Case Sizes:

Side:



Part Number Table

Description	Part Number
Prepaid Card Timer	S800



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Notes:

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