

S800

PREPAID CARD TIMER



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.

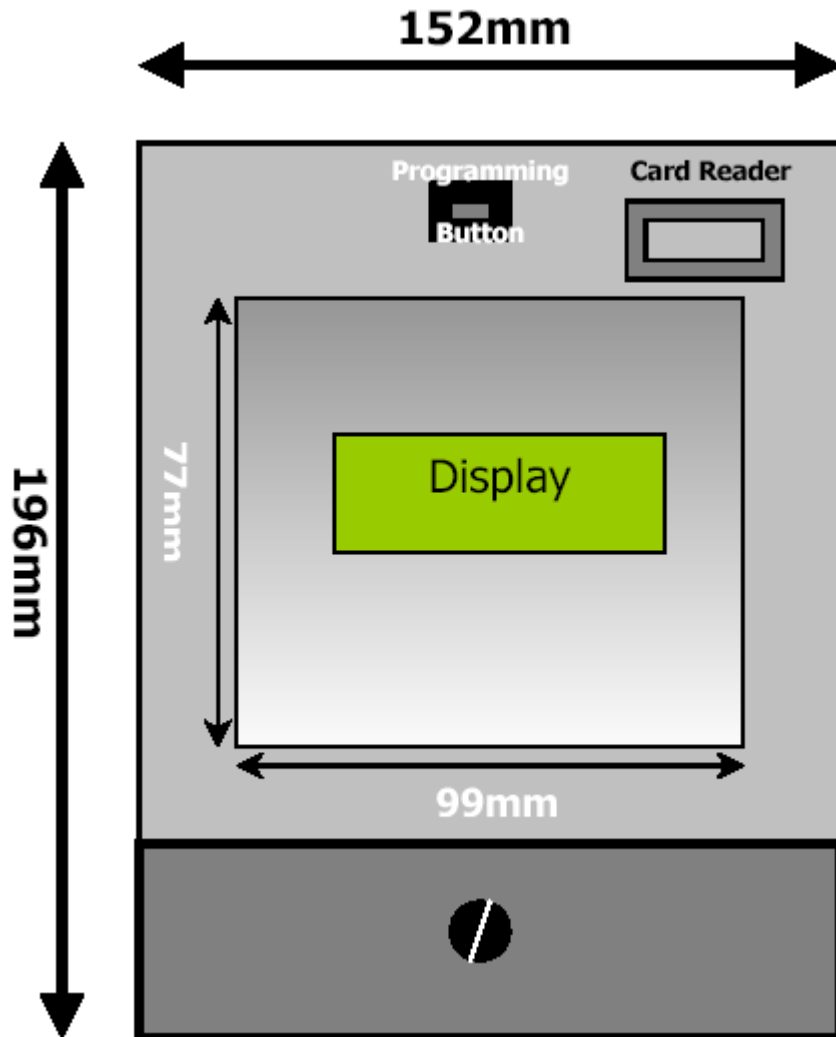
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Case Sizes:

Front:



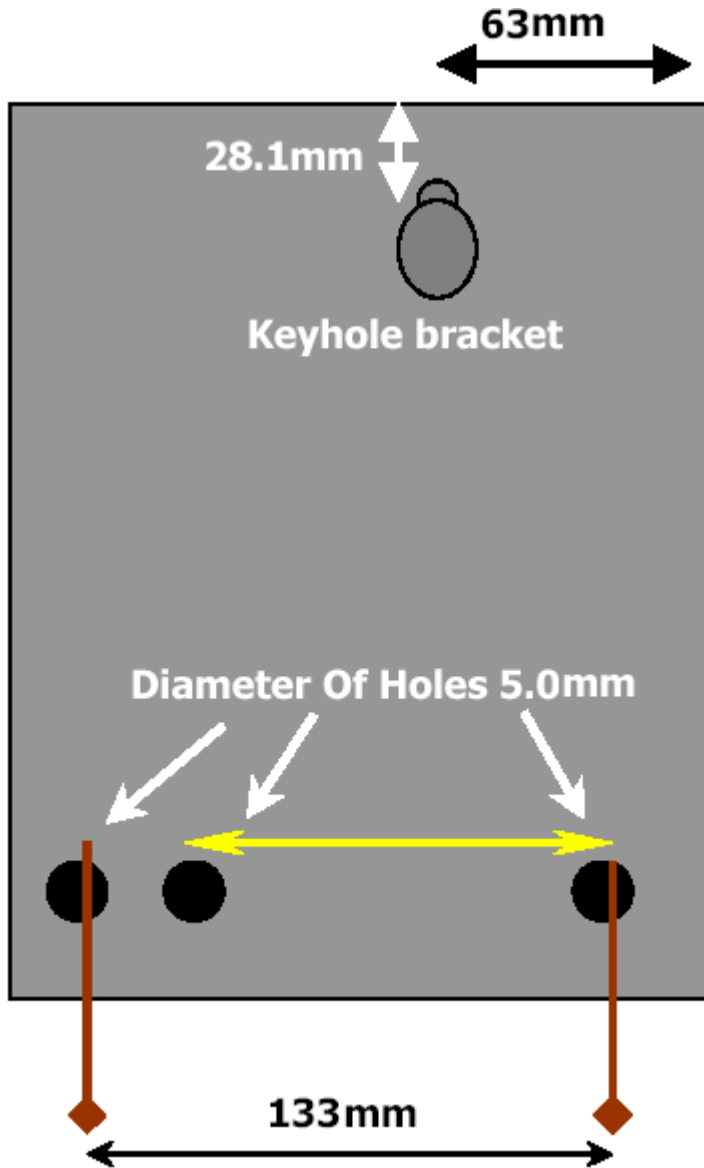
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Case Sizes:

Back:



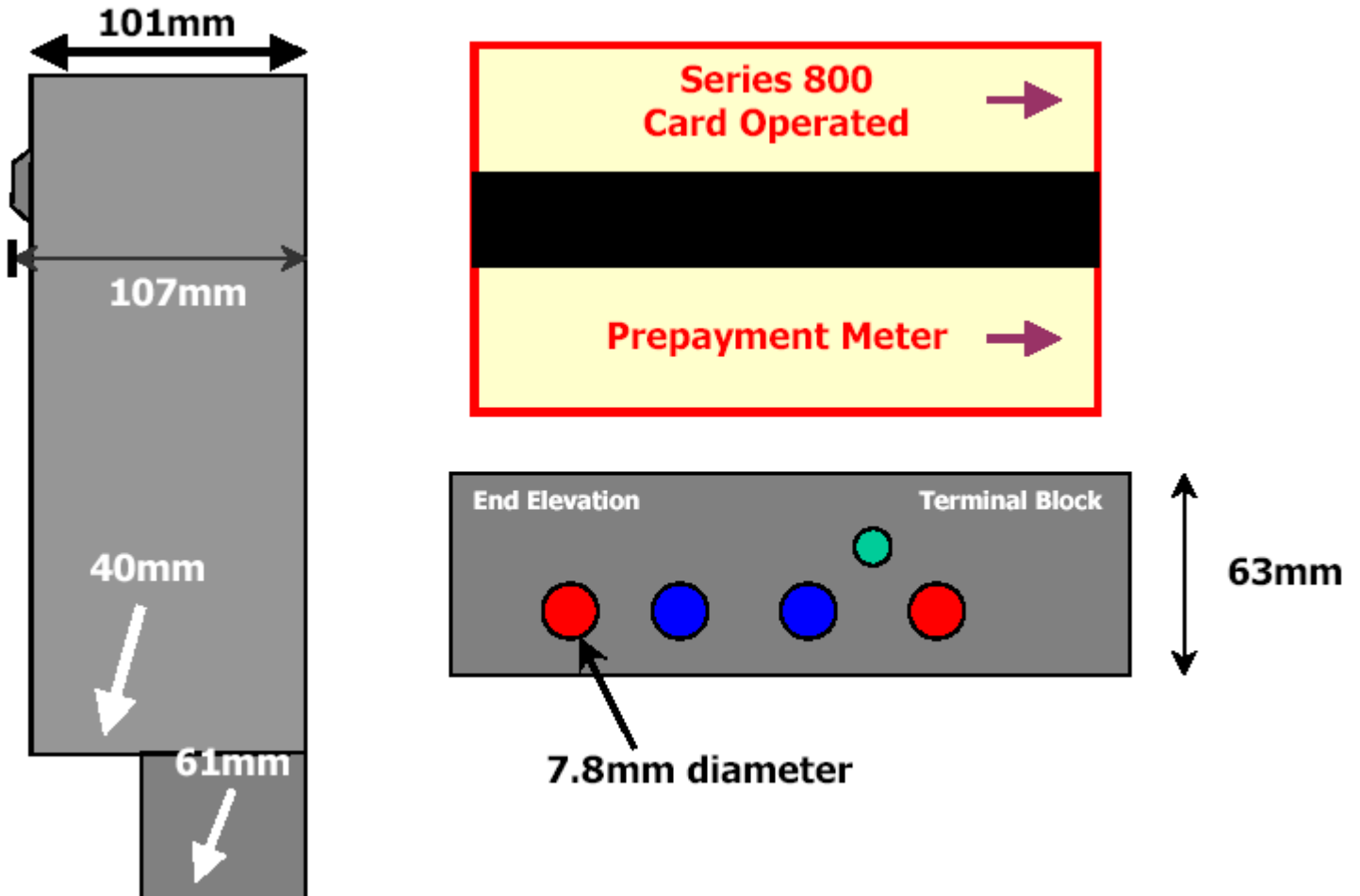
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Case Sizes:

Side:



Part Number Table

Description	Part Number
Prepaid Card Timer	S800



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Notes:

International Sales Offices:



AUSTRALIA – Farnell InOne
Tel No: ++ 61 2 9645 8888
Fax No: ++ 61 2 9644 7898



FINLAND – Farnell InOne
Tel No: ++ 358 9 560 7780
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Tel No: ++ 852 2268 9888
Fax No: ++ 852 2268 9899



PORTUGAL – Farnell InOne
Tel No: ++ 34 93 475 8804
Fax No: ++ 34 93 474 5288



UK – CPC
++ 44 8701 202 530
++ 44 8701 202 531



CHINA – Farnell-Newark InOne
Tel No: ++86 10 6238 5152
Fax No: ++86 10 6238 5022



IRELAND – Farnell InOne
Tel No: ++ 353 1 830 9277
Fax No: ++ 353 1 830 9016



SINGAPORE – Farnell-Newark InOne
Tel No: ++ 65 6788 0200
Fax No: ++ 65 6788 0300



EXPORT – Farnell InOne
Tel No: ++ 44 8701 200 208
Fax No: ++ 44 8701 200 209

For enquiries from all other markets



DENMARK – Farnell InOne
Tel No: ++ 45 44 53 66 44
Fax No: ++ 45 44 53 66 06



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Tel No: ++ 39 02 93 995 200
Fax No: ++ 39 02 93 995 300



SPAIN – Farnell InOne
Tel No: ++ 34 93 475 8805
Fax No: ++ 34 93 474 5107



ESTONIA – Farnell InOne
Tel No: ++ 358 9 560 7780
Fax No: ++ 358 9 345 5411



MALAYSIA – Farnell-Newark InOne
Tel No: ++ 60 3 7873 8000
Fax No: ++ 60 3 7873 7000



SWEDEN – Farnell InOne
Tel No: ++ 46 8 730 50 00
Fax No: ++ 46 8 83 52 62

<http://www.farnellinone.com>

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