

EC Type Examination Certificate Number: **UK/ 0120/ SGS0078**

Secure Meters (UK) Ltd

Secure House
Moorside Road
Winnall
Winchester
SO23 7RX

Instrument Identification:

i-Credit 500

Single Phase, Active Import or Export, Multi-rate, Electricity Meter

Instrument Traceable Number

UK/ 0120/ SGS0078

has been assessed and certified as meeting the requirements of

EC Directive 2004/22/EC on Measuring Instruments Annex B

It is certified that the manufacturer's technical design and specimen for the above instrument has been examined and, based on the evidence submitted, it is considered that the instrument conforms to the requirements of MI-003 of EC Directive 2004/22/EC.

This certificate is issued in conjunction with a certificate covering the product verification as required in Annex D or Annex F.

This certificate is valid for 10 years from 4th November 2010 until 3rd November 2020
Issue 1

Certification is based on report number(s)
EMA140663 issued 4th November 2010

Notified Body Number 0120

Authorised Signature
Mr J Weaver



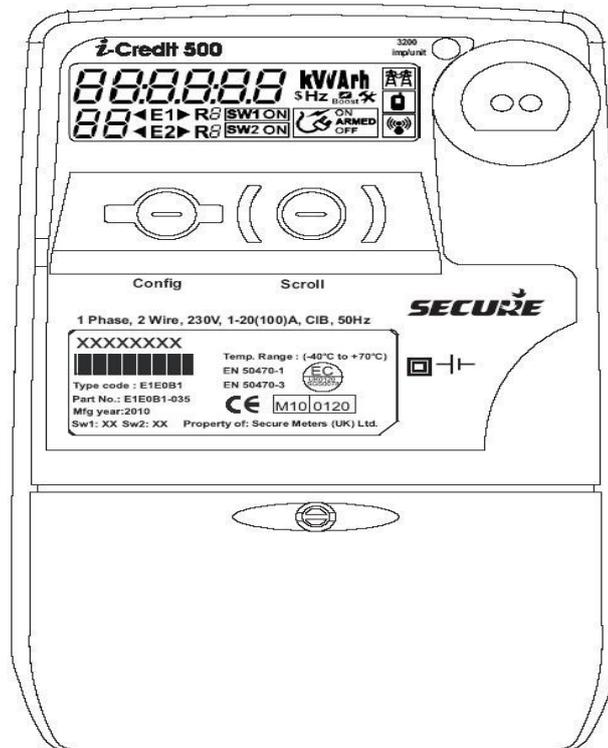
Notified Body
SGS United Kingdom Ltd, 202B Worle Parkway, Weston-super-Mare, BS22 6WA UK
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EC Type Examination Cert.

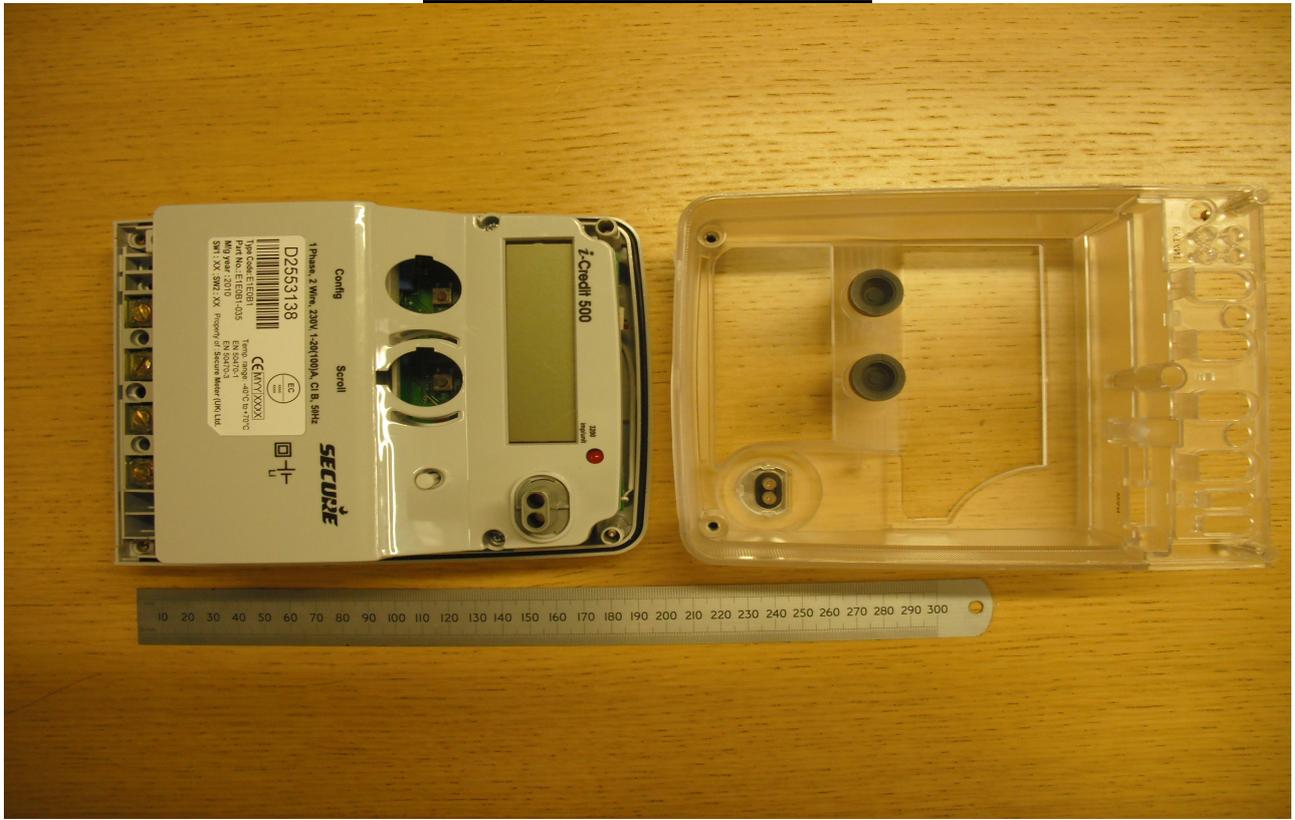
Approval Annex for EC Type Examination Cert. No. UK/ 0120/ SGS0078

Manufacturer : Secure Meters (UK) Ltd	
Type of Meter(s) : i-Credit 500	
Description of Meter : Single Phase, Active Import or Export, Multi-rate, Electricity Meter	
Accuracy Class (es) : A or B (kWh)	Software Version No : b1.05 Location : LCD
Firmware Version No : b1.05 Location : LCD	Bill Of Materials No : BOM E1E0B1-035 BOM E1E0B1-041 BOM E1E0B1-045 BOM E1E0B1-046
Meter Location : Indoor	Sealing Type : 4 x Wire & Crimp
Integrity of Meter : Inaccessible without breaking seals	Temperature Range : -40°C to +70°C
Type of Circuit : 1p2w	Frequency : 50Hz
Current Range (A) : 1-20(100)A	Voltage Range (V) : 230V

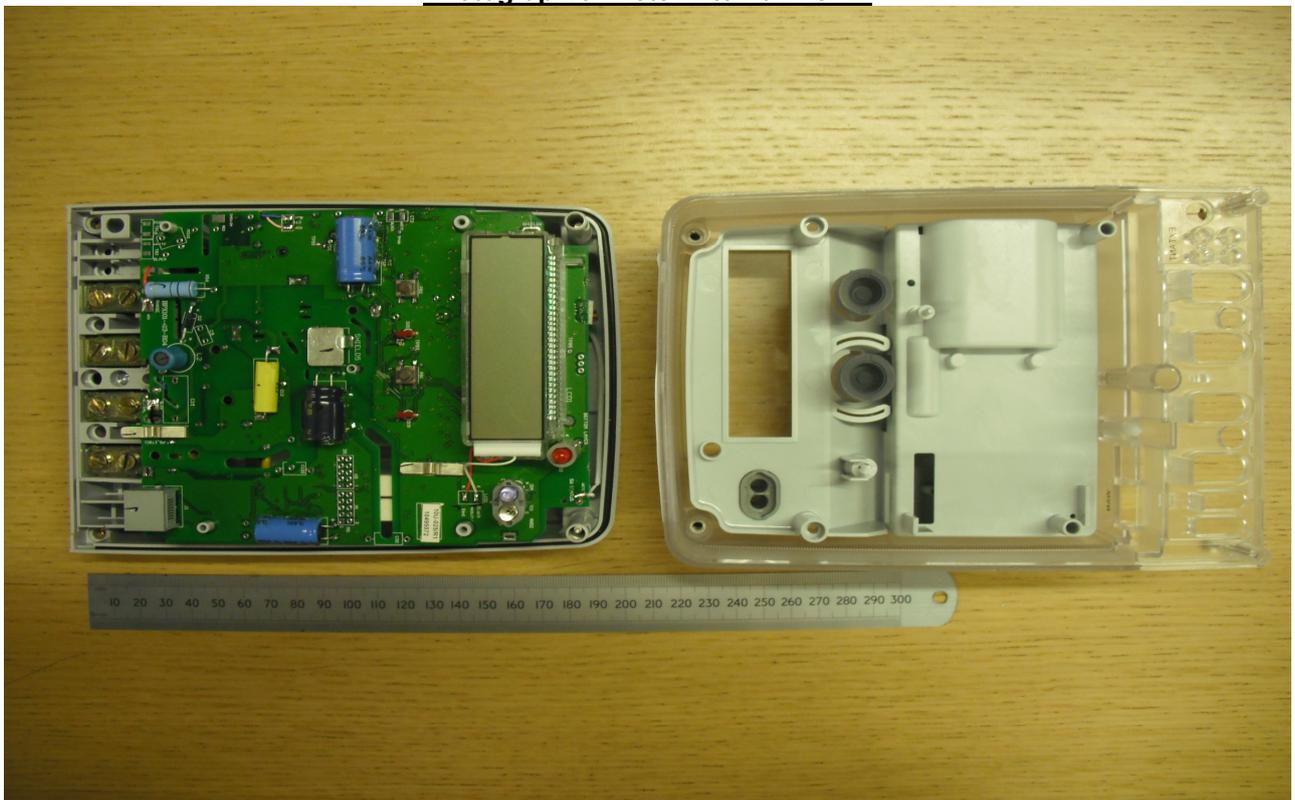
Photograph of front of meter



Photograph of meter Internal View 1



Photograph of meter Internal View 2



Product Variant Identification Details:

Type Designation	Description of meter
E1E Wiring Type: 1p2w Direct Connected	
0B Accuracy Class: Class B (Class 1)	
2 Current Range: 20-100A	
035	No of Elements: 1 LT terminal: No Main Disconnect Switch: Yes L1 terminal & LC Switch: No LCD: 6 digit NVM size: 128+64K (Bank NVM) Aux. RS232 Port (RJ45) Baud Rate 38.4KBPs: Yes Optical Communication Port: ANSI Remote Communication modules: No ETBC open detection: Mains Mode & Battery Mode Cover open detection: Mains Mode & Battery Mode Backlit: Yes Arm LED for Push Button: Yes ETBC option: 50mm Long Mounting arrangement for M1 or BAZ meters replacement: Yes Terminal Screw: Grub Super cap for last gasp: No
041	No of Elements: 1 LT terminal: Yes Main Disconnect Switch: Yes L1 terminal & LC Switch: Yes LCD: 6 digit NVM size: 128+64K (Bank NVM) Aux. RS232 Port (RJ45) Baud Rate 38.4KBPs: Yes Optical Communication Port: IEC1107 Remote Communication modules: No ETBC open detection: Mains Mode & Battery Mode Cover open detection: Mains Mode & Battery Mode Backlit: Yes Arm LED for Push Button: Yes ETBC option: 50mm Long Mounting arrangement for M1 or BAZ meters replacement: Yes Terminal Screw: Grub Super cap for last gasp: No
045	No of Elements: 1 LT terminal: No Main Disconnect Switch: Yes L1 terminal & LC Switch: No LCD: 6 digit NVM size: 128+64K (Bank NVM) Aux. RS232 Port (RJ45) Baud Rate 38.4KBPs: Yes Optical Communication Port: ANSI Remote Communication modules: Long Range Radio ETBC open detection: Mains Mode & Battery Mode Cover open detection: Mains Mode & Battery Mode Backlit: Yes Arm LED for Push Button: Yes ETBC option: 35mm Long Mounting arrangement for M1 or BAZ meters replacement: Yes Terminal Screw: Grub Super cap for last gasp: Yes

046 **No of Elements: 1**
LT terminal: Yes
Main Disconnect Switch: Yes
L1 terminal & LC Switch: Yes
LCD: 6 digit
NVM size: 128+64K (Bank NVM)
Aux. RS232 Port (RJ45) Baud Rate 38.4KBPs: Yes
Optical Communication Port: ANSI
Remote Communication modules: Long Range Radio
ETBC open detection: Mains Mode & Battery Mode
Cover open detection: Mains Mode & Battery Mode
Backlit: Yes
Arm LED for Push Button: Yes
ETBC option: 35mm
Long Mounting arrangement for M1 or BAZ meters replacement: Yes
Terminal Screw: Grub
Super cap for last gasp: Yes

Modifications to the meter(s) described according to approval No. **UK/ 0120/ SGS0078** must be notified to the issuing body to confirm the meter(s) continuing compliance to the relevant pattern approval standard(s).