EDMI Limited

47 Yishun Industrial Park A
Singapore
768724

Instrument Identification:
bglobal Smart1
Single Phase, Active Import/ Export, Multi-rate, Electricity Meter

Instrument Traceable Number
UK/ 0120/ SGS0069

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 19th March 2010 until 18th March 2020
Issue 1

Certification is based on report number(s)
EMA133756 dated 19th March 2010

Notified Body Number 0120

Authorised Signature
Mr J Weaver

$C\mathcal{E}$
0120

Notified Body
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EC Type Examination Cert.

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Approval Annex for EC Type Examination Cert. No. UK/ 0120/ SGS0069

Manufacturer	:	EDMI Limited			
Type of Meter(s)	:	bglobal Smart1			
Description of Meter	:	Single Phase, Active Import/ Export, Multi-rate, Electricity Meter			
Accuracy Class (es)	:	A or B (kWh)	**Software Version No** **Location**	: :	Version 5.01 LCD
Firmware Version No **Location**	: :	Version 5.01 LCD	**Bill Of Materials No**	:	Mk8B_BOM_21202P2_Rev00
Meter Location	:	Indoor	**Sealing Type** **Location**	: :	Wire & Crimp 2 x Front of Meter
Integrity of Meter	:	Inaccessible without breaking seals	**Temperature Range**	:	-40°C to +70°C
Type of Circuit	:	1p2w	**Frequency**	:	50Hz
Current Range (A)	:	0,5-10(100)A	**Voltage Range (V)**	:	220-240V

Photograph of Front of meter

Photograph of meter Internal View 1
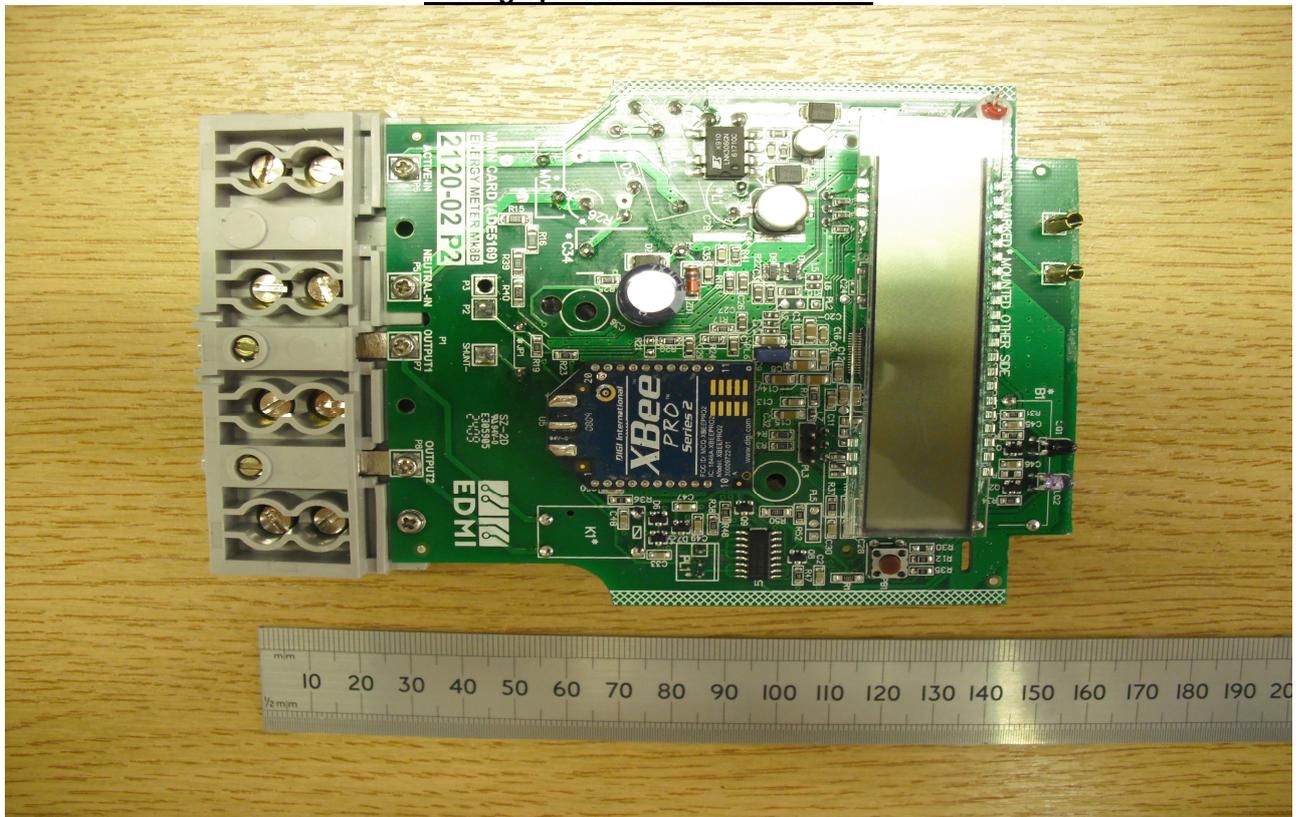
Photograph of meter Internal View 2
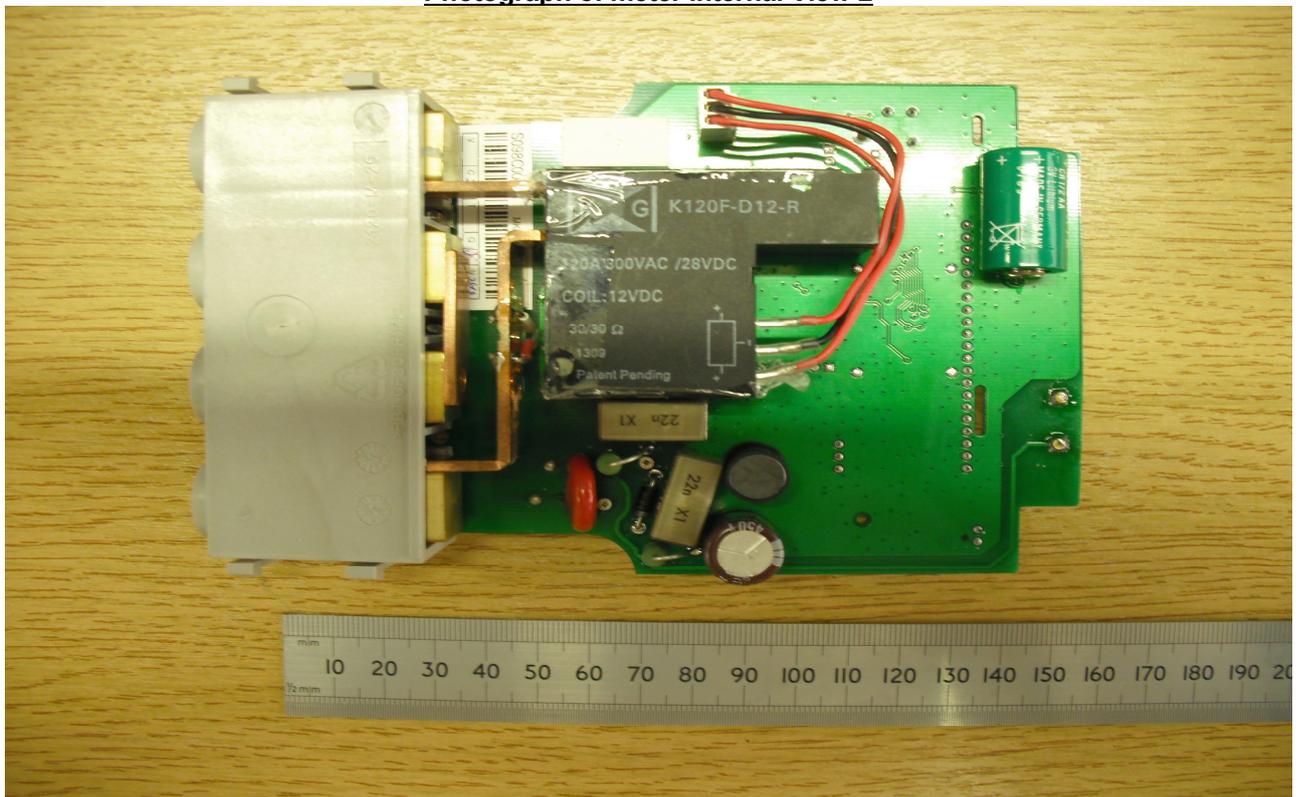
Product Variant Identification Details:

Type Designation	Description of meter

8B * 1 - A2 * - * * - * * * * - * - * * - *

Accuracy
1 = Class B (Class 1)
2 = Class A (Class 2)
Series
1 = Extended Config (Type - A)

Current Range
A = 10(100)A
Terminal Arrangement and Current Measurement
2 = ANNA (Shunt based Live Current Sensor)
Terminal Covers
0 = No Terminal Cover fitted
1 = Standard Terminal Cover

Local Communications
0 = None
3 = IR optical interface to Comms Box (needed to add optional Comunication modules)
Remote Communications
0 = None
1 = Zigbee (internal Type-A modem)
2 = Zigbee (internal Type-A modem) + G1 Top Hat (external GSM/GRPS Modem)
3 = G1 Top Hat (external GSM/GRPS Modem)
4 = GZ1 Top Hat (external 'GSM/GRPS + Zigbee' modem)

Memory Option
A = 64kB EEPROM
B = 128kB EEPROM
C = 1MB EEPROM
Battery Options
0 = None
2 = 950mAh internal battery
Internal Clock Options
0 = Standard Clock +/- 15 secs per month
LCD Display
1 = Standard LCD w/o backlight, $ sign
2 = Standard LCD w/o backlight, £ € sign

Standard I/O Options
0 = None
1 = 1 x Relay Output (240V, 2A)

Disconnect Terminal Relay O/P options
0 = None
1 = Disconnect Relay (Type - A) 100A
Communication Module Option
0 = None [impossible to upgrade with mains power module]
1 = No Blanking cover [with comms upgrade options in meter]
2 = Short Blanking cover [with comms upgrade options in meter]
3 = Long Blanking Cover [with comms upgrade options in meter]
4 = GPRS to Optical modem - Type A

Modifications to the meter(s) described according to approval No.**UK/ 0120/ SGS0069** must be notified to the issuing body to confirm the meter(s) continuing compliance to the relevant pattern approval standard(s).