

EC Type Examination Certificate Number: **UK/ 0120/ SGS0028**

METER MACS Limited

Unit 4 Bentalls Business Park
Bentalls PIPPS Hill
Basildon
Essex
SS14 3BN

Instrument Identification:

Meter-MACS

Single Phase, Active Import, Electricity Meter

Instrument Traceable Number

UK/ 0120/ SGS0028

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 August 2009 to 3rd August 2019

Issue 2

Certification is based on report number(s)

EMA127052 dated 4th August 2009

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.

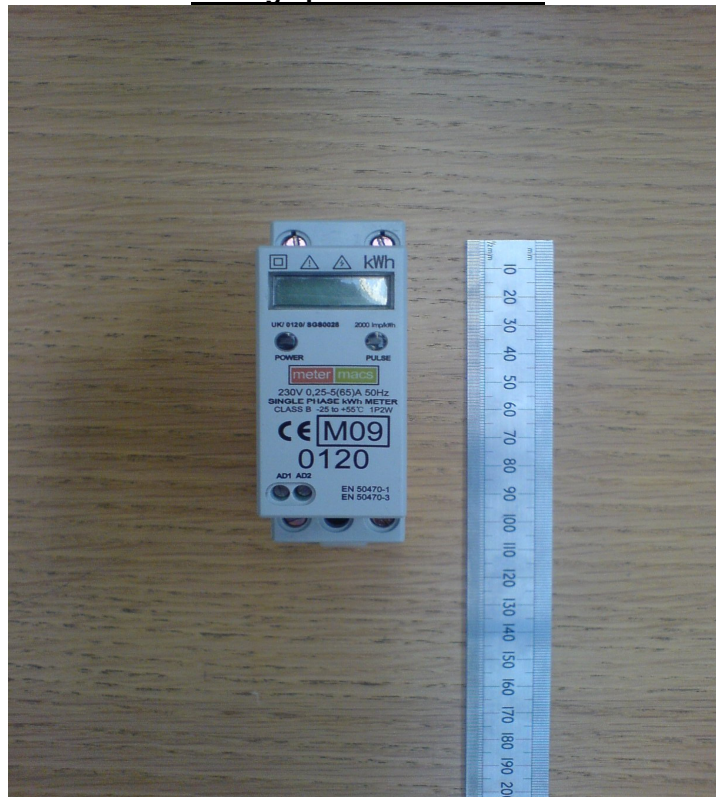
Page 1 of 4

MID-B06E Rev 3

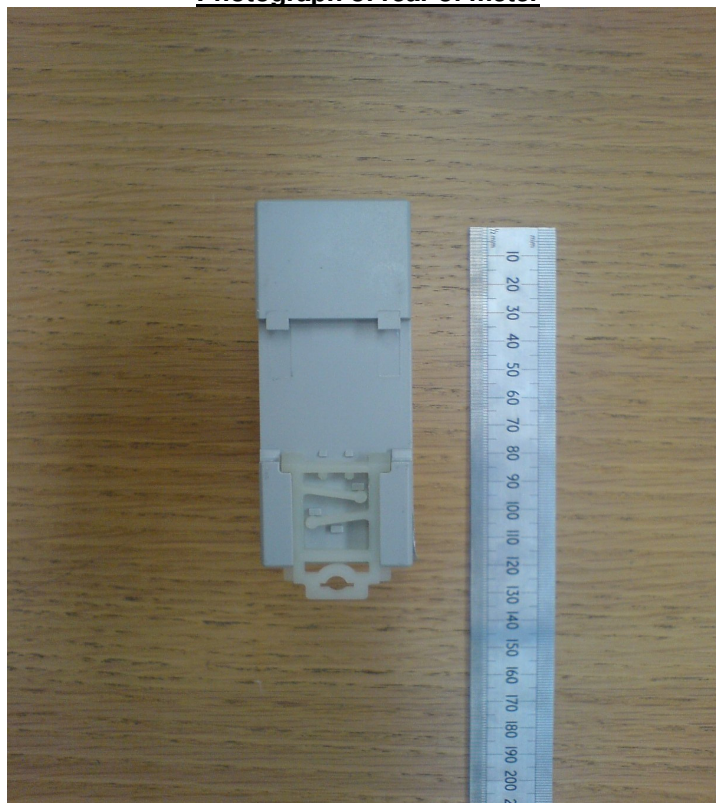
Approval Annex for EC Type Examination Cert. No. UK/ 0120/ SGS0028

Manufacturer :		BB&B UK Ltd (Brunswick Bowling and Billiards)	
Type of Meter(s) :		Meter-MACS	
Description of Meter :		Single Phase, Active Import, Electricity Meter	
Accuracy Class (es) :		A or B (kWh)	Software Version No : Rev 1.0 Location : Nameplate
Firmware Version No :		Rev 1.0	Bill Of Materials No : MAC Bomlist 1
Location :		Nameplate	
Meter Location :		Indoor	Sealing Type : Plastic Inserts
Integrity of Meter :		Inaccessible without breaking seals	Temperature Range : -40°C to 70°C
Type of Circuit :		1p2w	Frequency : 50Hz
Current Range (A) :			Voltage Range (V) :
Meter-MACS 32 – 0,25-5(32)A			230V
Meter-MACS 32R – 0,25-5(32)A			
Meter-MACS 65 – 0,25-5(65)A			

Photograph of front of meter



Photograph of rear of meter





UK/ 0120/ SGS0028
Issue 2
28 February 2011

Product Variant Identification Details:

Type Designation	Description of meter
Meter-MACS 32 – 0,25-5(32)A	Single Phase, Active Import, Electricity Meter, Without Internal Relay
Meter-MACS 32R – 0,25-5(32)A	Single Phase, Active Import, Electricity Meter, With Internal Relay
Meter-MACS 65 – 0,25-5(65)A	Single Phase, Active Import, Electricity Meter, Without Internal Relay

Modifications to the meter(s) described according to approval No.**UK/ 0120/ SGS0028** must be notified to the issuing body to confirm the meter(s) continuing compliance to the relevant pattern approval standard(s).