

EC Type Examination Certificate Number: UK/ 0120/ SGS0041

Elster Méréstechnika Kft.

Határ út 3. Pécel Hungary

Instrument Identification:

AS230

Single Phase, Direct Connected, Credit, Import/Export, Active/Reactive, Multi Rate, Electricity Meter Instrument Traceable Number

UK/ 0120/ SGS0041

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 to be used in conjunction with a certificate covering the product verification as required in Annex F.

D or Annex F.

This certificate is valid for 10 years from 24th October 2008 until 23rd October 2018 Issue 1

Certification is based on report number EMA121661 dated 24th October 2008 EMA125056 dated 27th March 2009 EMA139902 dated 21st September 2010 Notified Body Number 0120

Authorised Signature Mr J Weaver

(€ 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/ SGS0041

Manufacturer	: Elster Méréstechnika Kft.							
Type of Meter(s)	: AS230							
Description of Meter	: Single Phase, Direct Connected, Credit, Import/Export, Active/Reactive, Multi Rate, Electricity Meter.							
Accuracy Class (es)	: A or B(kWh)	Software Version No's	s.: 2-01331-E 2-01331-F 2-01331-G 2-01331-J 2-01331-K 2-01331-L					
		Location	: Nameplate					
Firmware Version No's: 2-01331-E 2-01331-F 2-01331-G 2-01331-J 2-01331-K 2-01331-L			: Terminals ∨1.4 Terminals ∨1.0					
Location Meter Location	: Nameplate : Indoor	Sealing Type Location	: Wire & Steel Crimp : Under Terminal Cover					
Integrity of Meter	Inaccessible Without : Breaking Seals	Temperature Range	: -25°C to 55°C					
Type of Circuit(s)	: Single Phase Two Wire	Frequency	: 50Hz					
Current Range(s) (A)	: 0,25-5(100)A Any multiples of Iref up to 20A)	Voltage Range(s) (V)	: 220-240V					



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Product Variant Identification Details:

No contactor No No No No No No No No	Product variant identification Details:	ı	ı	ı	ı	ı			ı	ı	ı			- 1	1	1	1	
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Direct Connected SA - * (* is any multiple of 1b up to 100A maximum - see note 1)	Direct Connected 10A = * (* is any multiple of lb up to 100A maximum - see note 1)				_								\vdash	\dashv	\dashv	+	+	_
VOLTAGE/ ACCURACY CLASS 220 - 240V 50 Hz Cl.1 kWh, Cl.2 kvarh (IEC 62053-21, 23 see note 2) Cl.B kWh, (EN 50470-3) B 220 - 240V 50 Hz Cl.2 kWh, Cl.3 kvarh (IEC 62053-21, 23 see note 2) Cl.A kWh, (EN 50470-3) C CONTACTOR N N With contactor N N With contactor B I English' LCO option - no kvarh LED, no backlight B I "English' LCO option - with kvarh LED, no backlight C C "English' LCO option - no kvarh LED, no backlight D C "Chevrons' LCD option - no kvarh LED, no backlight F I "Chevrons' LCD option - no kvarh LED, no backlight F I "Chevrons' LCD option - no kvarh LED, no backlight F I "Chevrons' LCD option - no kvarh LED, with backlight B I "Chevrons' LCD option - no kvarh LED, with backlight B I "Chevrons' LCD option - no kvarh LED, with backlight B I "Chevrons' LCD option - no kvarh LED, with backlight B I "Chevrons' LCD option - no kvarh LED, with backlight B I "Chevrons' LCD option - no kvarh LED, with ba					_								\vdash	\dashv	\dashv	+	†	_
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Modifications to the meter(s) described according to approval No.**UK/ 0120/ SGS0041** must be notified to the issuing body to confirm the meter(s) continuing compliance to the relevant pattern approval standard(s).