

EU Type Examination Certificate Number: 0120/ SGS0098/R1

# Schneider Electric

Wuxi Pro-Face Electronics Co. Ltd  
51-A block of Wuxi High-tech Industrial Development Zone  
Wuxi  
Jiangsu, 214028  
P.R.C

Instrument Identification:  
**iEM31\*\***  
**iEM33\*\***

**Poly Phase, Active Import/ Export (kWh), Direct Connected, Electricity Meter**  
Instrument Traceable Number  
**0120/ SGS0098**  
has been assessed and certified as meeting the requirements of

## EU Directive 2014/32/EU on Measuring Instruments Annex II, Module 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 Annex V of EU Directive 2014/32/EU

This certificate must be used in conjunction with a certificate covering the product verification as required in Annex II, Module D or Annex II, Module F

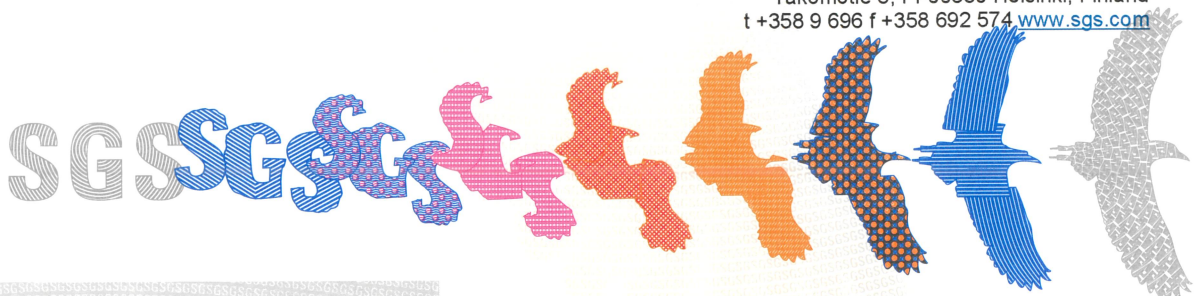
This certificate is valid from 3<sup>rd</sup> April 2022 until 2<sup>nd</sup> April 2032  
Issue 1

Certification is based on report number(s)  
EMA153420-2 Issue 2 dated 3<sup>rd</sup> April 2012, EMA184255/1/MID dated 7<sup>th</sup> March 2014, EMA184255/1/1p4w dated 21<sup>st</sup> August 2015  
EMA297432/1/EM3115 dated 16<sup>th</sup> March 2022

Authorised Signature

Tuomas Hänninen

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EU-Type Examination Certificate Number:

**0120/SGS0098/R1**

Issue Number: 1

Dated: 3<sup>rd</sup> April 2022**1. Technical Data iEM31xx**

Manufacturer	Schneider Electric
Meter Type	iEM31xx
Voltage Rating ( $U_n$ )	100/173V - 277/480V
Current Rating ( $I_{min} - I_{ref} (I_{max})$ )	0,5-10(63)A
Frequency ( $F_n$ )	50Hz
Active Accuracy Class ( $kWh$ )	A or B ( $kWh$ )
Type of circuit	3p4w, 1p4w
Temperature Range	-25°C to +70°C
Software/ Firmware Version No's	OS: 1.0.XXX or 1.2.XXX or 1.3.XXX or 1.4.XXX or 1.5.XXXX or 1.6.XXXX
CRC Checksum No's	0X24E427A or 0X24E0B20 or 0X23C8A0E or 0X2228602 or 0X400B9E4 or 0X040E6DE9 or 0xFC07FBCA or 0xF3FF14DC or F3FEFA57h
Identification Location	LCD
Bill of Materials No's	iEM3110-S1B71915, iEM3115- S1B72211 iEM3155-S1B73002 iEM3135- HRB34627 iEM3165-HRB63163 iEM3175- HRB34622
IP Rating * = The meter casing is only IP20 complaint. Therefore the meter MUST always be fitted into an IP51 approved enclosure.	IP20 Casing*
Insulation Protective Class	Class II
LED Pulse Constant	500 imp/ kWh
Impulse Voltage Rating	6kV
AC Voltage Rating	4kV
Main Cover Sealing Type	1 x Tamper-proof Adhesive Label
Integrity of meter	Inaccessible without breaking seals
Intended Location of the Meter	Indoor
Type of Register	LCD
Terminal Arrangement(s)	BS
Location of Manufacturers Address	Nameplate



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Issue Number: 1

Dated: 3<sup>rd</sup> April 2022

## Technical Data iEM33xx

Manufacturer	Schneider Electric
Meter Type	iEM33xx
Voltage Rating ( $U_n$ )	100/173V - 277/480V
Current Rating ( $I_{min}$ – $I_{ref}$ ( $I_{max}$ ))	1-20(125)A
Frequency ( $F_n$ )	50Hz
Active Accuracy Class (kWh)	A or B (kWh)
Type of circuit	3p4w, 1p4w
Temperature Range	-25°C to +70°C
Software/ Firmware Version No's CRC Checksum No's	1.0.XXX or 1.1.XXX or 1.2.XXX or 1.3.XXXX or 1.4.XXXX or 1.5.XXXX  0X22EFFFFD or 0X419F2A4 or 0X0426FF59 or 0xFC209604 or 0xF419B91F or 0xF418441B or F418550Eh
Identification Location	LCD
Bill Of Materials No's	iEM3310-HRB90606 iEM3355-HRB90608 iEM3335- HRB90609 iEM3365- HRB90610 iEM3375- HRB90611
IP Rating  *= The meter casing is only IP20 complaint. Therefore the meter MUST always be fitted into an IP51 approved enclosure.	IP20 Casing*
Insulation Protective Class	Class II
LED Pulse Constant	200 imp/ kWh
Impulse Voltage Rating	6kV
AC Voltage Rating	4kV
Main Cover Sealing Type	1 x Tamper-proof Adhesive Label
Integrity of meter	Inaccessible without breaking seals
Intended Location of the Meter	Indoor
Type of Register	LCD
Terminal Arrangement(s)	BS
Location of Manufacturers Address	Nameplate