

EU TYPE EXAMINATION CERTIFICATE

Directive 2014/32/EU, Module B

0598/MID/B/24/055 Issue 1

Product Active Electrical Energy Meters (Annex V MI-003)

Model	Meter type(s) iEM32xx Series, EM3724	Description Polyphase Transformer Operated iEM32xx: Import /Export (kWh) EM3724: Import (kWh) Electricity Meter	Instrument Traceable No 0120/SGS0099
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Certificate holder / Manufacturer Schneider Electric PVT Ltd
12A ATTIBELE INDUSTRIAL AREA, NERALUR(PO), KARNATAKA 562107, INDIA

Directive information For the instruments mentioned in this Certificate, the following essential requirements of Directive 2014/32/EU apply:
- Annex I Essential requirements
- Annex V Active electrical meters (MI-003)

Standards EN 50470-1: 2006, EN 50470-3:2006


Validity This certificate is valid until 2032-04-02
The manufacturer must inform SGS Fimko in case of any intended change to the design. Unauthorised changes will invalidate this certificate.

The Manufacturer is permitted to affix the CE-marking onto the instrument(s) after complying with the conformity assessment procedures referred to in Article 17 of the Directive and to draw up a written declaration of conformity.

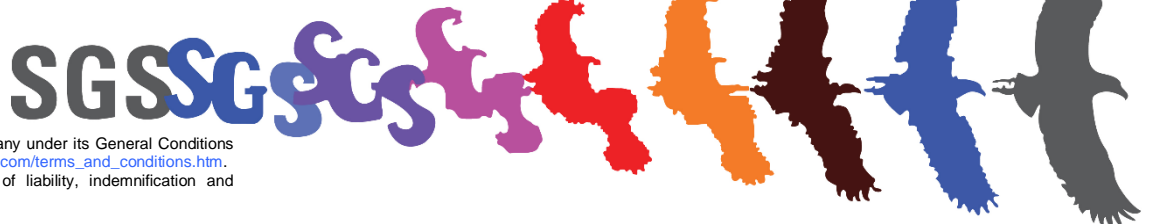
Date of issue 2024-12-18

SGS Fimko OY
Notified Body 0598

Signature



Mikko Välimäki
Certification Manager



Test report(s)

Report Number	Date
EMA153420-1	2012-04-03
EMA153420-1 Issue 2	2012-04-03
EMA153420/1/1p4w	2015-08-21
EMA154320/1/0.01-1(1.2)A 3P4W	2020-06-25
EMA154320/1/0.01-1(1.2)A 1P4W	2020-06-25
EMA297432/1/EM3255	2022-03-22

Technical information

Meter type(s)	iEM3210, iEM3215, iEM3255, iEM3235, iEM3265, iEM3275, EM3724
Voltage rating (U ⁿ)	100/173V - 277/480V
Current rating (I _{min} – I _{ref} (I _{max}))	0.01-1(1.2)A, 0,05-5(6)A
Frequency (F _n)	50 Hz
Active Accuracy Class (kWh)	0.01-1(1.2)A – Class B (kWh) 0,05-5(6)A – Class C (kWh)
Type of circuit	3p4w, 1p4w
Temperature range	-25°C to +70°C
Software/Firmware version no. (s)	1.0.XXX or 1.2.XXX or 1.3.XXX or 1.4.XXX or 1.5.XXXX or 1.6.XXXX or 1.7.XXXX or V2.0.XXX
CRC Checksum(s)	0x24E427A or 0x24E0B20 or 0x23C8A0E or 0x2228602 or 0x400B9E4 or 0x040E6DE9 or 0xFC07FBCA or 0xF3FF14DC or 0xF3FEFA57 or 0x34E72646 or 3AFBC6A6h
Identification location	LCD
Bill of Materials No.(s)	iEM3210-S1B73147, iEM3255-S1B73150 iEM3215- S1B73148, iEM3235- HRB34629 iEM3265- HRB63167, iEM3275- HRB34626 EM3724- BRU17347
IP rating	Meter casing is only IP20 compliant. Therefore the meter MUST always be fitted into an IP51 approved enclosure
Insulation protective class	Class II
LED Pulse Constant	5000 imp/kWh
Impulse Voltage Rating	6kV
AC Voltage Rating	4 kV
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)	DIN

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