



5386



UKCA Type Examination Certificate Number: **0120/SGS0099**

Schneider Electric PVT Ltd

12A ATTIBELE INDUSTRIAL AREA, NERALUR(PO),
KARNATAKA 562107, INDIA

Instrument Identification:

iEM32**

EM3724

Polyphase, Active Import/ Export (kWh), Transformer Operated, Electricity Meter

Instrument Traceable Number

0120/SGS0099

has been assessed and certified as meeting the requirements of

Measuring Instruments Regulations 2016 (as amended)

on Active electrical energy meters, Schedule 1B, 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 Schedule 1E, as referenced in the UK Measuring Instruments Regulations 2016, as amended

This certificate must be used in conjunction with a certificate covering the product verification as required in Schedule 1B, Module D or Schedule 1B, Module F

This certificate is valid until 2nd April 2032

Issue 3

Certification is based on report number(s)

EMA153420-1 Issue 2 dated 3rd April 2012, EMA153420/1/1p4w dated 21st August 2015
EMA154320/1/0.01-1(1.2)A 3P4W & EMA154320/1/0.01-1(1.2)A 1P4W dated 25th June 2020
EMA299736/1


Authorised Signature

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	UKCA Type Examination Certificate Number:	
	0120/SGS0099	
	Issue Number: 3	Dated: 19 th December 2024

1. Technical Data

Manufacturer	Schneider Electric
Meter Type	iEM32xx, EM3724
Voltage Rating (<i>Un</i>)	100/ 173V – 277/ 480V
Current Rating (<i>I_{min}</i> – <i>I_{ref}</i> (<i>I_{max}</i>))	0.01-1(1.2)A, 0,05-5(6)A
Frequency (<i>Fn</i>)	50Hz
Active Accuracy Class (<i>kWh</i>)	0.01-1(1.2)A – Class B 0,05-5(6)A – Class C
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 or 1.7.XXXX or V2.0.XXX
CRC Checksum No'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 EM3724- BRU17347
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	5000 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