

EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1559-21
Manufacturer	Zhejiang Reallin Electron Co., Ltd.
Contact person	Qian Shaobo
Address	No.8 Shuangyang Rd, Jiulong Village, Renhe town, Yuhang district, Hangzhou City, Zhejiang Province
Postal code, City	311107, Hangzhou
Country	China
Production site	Zhejiang Reallin Electron Co., Ltd.
Address	No.8 Shuangyang Rd, Jiulong Village, Renhe town, Yuhang district, Hangzhou City, Zhejiang Province
Postal code, City	311107, Hangzhou
Country	China
Instrument	Electronic three-phase four-wire, energy meter Direct connected
Mark - Type	0,25..5(100) A: E3005 0,5..10(100) A and 1,0..20(160) A: E3005-SA
Register	LCD
Accuracy Class	Active: B - 1000 imp./kWh
Measurement range	133/230 – 230/400 V, 0,25..5(100) A , 0,5..10(100) A and 1,0..20(160) A, 50 and 60 Hz
Temperature range	-40 .. 75 °C
Use	Indoor
Protection Class	II
Environmental class	M1, M2, E1 and E2
Registry method	Bi-directional method separate registers: received- and delivered energy of the whole connection is added in separate registers

The energy meters meet the requirements of Directive 2014/32/EU, on the harmonisation of the laws of Member States relating to the making available on the market of measuring instruments (recast).

Certification was based on compliance with the following harmonised standards:

EN 50470-1:2006	Electricity metering equipment (a.c.)-part 1: General requirements, tests and test conditions - Metering equipment (class indexes A, B and C)
EN 50470-3:2006	Electricity metering equipment (a.c.)-part 3: Particular requirements - Static meters for active energy (class indexes A, B and C)

Valid until 3 December 2031

Based on a non-recurrent examination.

Version 2 of this certificate. The results are recorded in the following annex: test report 1558-21 R1.

KEMA B.V.



Bas Verhoeven
Director, High-Voltage
Laboratory

Arnhem, 3 December 2021