

EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1438-14
Manufacturer	ZIV Metering Solutions S.L.
Contact person	Ms. Cristina Martinez
Address	Parque Tecnológico, 210
Postal code, City	48170 Zamudio
Country	Spain
Production site	ZIV Metering Solutions S.L.
Address	Parque Tecnológico, 210
Postal code, City	48170 Zamudio
Country	Spain
Instrument	Electronic single-phase two-wire energy meter Direct connected
Mark - Type	5CTME2C477
Register	LCD
Accuracy Class	1 / B for active energy, 2 for reactive energy
Measurement range	127 - 230 V, 0,25..5(80) A, 50 Hz 1000 imp./kWh ; 1000 imp./kvarh
Temperature range	-25..70 °C
Use	Indoor
Protection Class	II
Environmental class	M1, 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	20 November 2027

Based on a non-recurrent examination.

Version 4 of this certificate. The results are recorded in the following annex: test report 1559-17.

DNV GL Netherlands B.V.



J.P. Fonteijne
Executive Vice President
KEMA Laboratories



Arnhem, 20 November 2017

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