

## EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1429-14
Manufacturer	ZIV Aplicaciones y Tecnología S.L.
Contact person	Ms. Cristina Martinez
Address	Parque Tecnológico, 210
Postal code, City	48170 Zamudio
Country	Spain
Production site	ZIV Aplicaciones y Tecnología S.L.
Address	Parque Tecnológico, 407
Postal code, City	48170 Zamudio
Country	Spain
Instrument	Electronic single-phase two-wire energy meter Direct connected
Mark - Type	5CTM-E2C rev. F
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, 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).

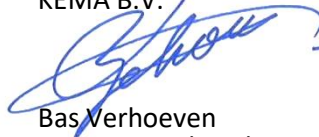
Certification was based on compliance with the following harmonised standards:

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	19 March 2031

Based on a non-recurrent examination.

Version 8 of this certificate. The results are recorded in the following annex: test report 1193-21 R0.

KEMA B.V.



Bas Verhoeven  
Director, High-Voltage  
Laboratory

Arnhem, 19 March 2021