

## EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1015-18
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 France
Address	22 Rue Jean Pierre Timbaud
Postal code, City	38600 Fontaine
Country	France
Instrument	Electronic single-phase two-wire energy meter. Direct connected
Mark - Type	5CTLOAB3E
Register	LCD
Accuracy Class	1 / B
Measurement range	230 V, 0,5..10(60) A, 50 Hz 1 Wh/imp
Temperature range	-25..55°C
Use	Indoor
Protection Class	II
Environmental class	M1, E1 and E2
Registry method	Algebraic sum with reversal preventing device

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	%%Date+10year

Based on a non-recurrent examination.

Version 1 of this certificate. The results are recorded in the following annex: test report 1014-18.

DNV GL Netherlands B.V.



J.P. Fonteijne  
Executive Vice President  
KEMA Laboratories



Arnhem, 15 January 2018

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