

## EC-TYPE EXAMINATION CERTIFICATE

Certificate number	1172-16
Manufacturer	ADD Bulgaria OOD
Contact person	Mr. Alexandar Dikarlo
Address	141V Vasil Aprilov blvd.
Postal code, Place	Plovdiv 4003
Country	Bulgaria
Production site	ADD Bulgaria OOD
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Postal code, Place	Plovdiv 4003
Country	Bulgaria
Instrument	Electronic three-phase four-wire, energy meter Direct connected
Mark - Type	AD13B.1
Register	LCD
Accuracy Class	Active: class 1/B Reactive: class 2
Measurement range	230/400 V 0,25 – 5(80)A 50 Hz active : 1000 imp./kWh reactive :1000 imp./kvarh
Temperature range	-40 .. 70 °C
Use	Indoor, not sensitive to phase sequence
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 2004/22/EC of the European parliament and the council of 31 March 2004 on measuring instruments.

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 April 2026

Based on a non-recurrent examination.

Version 1 of this certificate. The results are recorded in the following annex: test report 1171-16.

KEMA Nederland B.V.



J.P. Fonteijne  
Executive Vice President  
KEMA Laboratories



Arnhem, 19 April 2016

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