

## EC-TYPE EXAMINATION CERTIFICATE

Certificate number	1427-15
Manufacturer	Iskraemeco Energy Measurement Egypt
Contact person	Mr. Mohamed Shafik
Address	Elsowedy Electric Building, 4 <sup>th</sup> floor, Plot 27, 1 <sup>st</sup> District, 5 <sup>th</sup> settlement
Postal code, Place	New Cairo
Country	Egypt
Production site	Iskraemeco Energy Measurement Egypt
Address	Elsowedy Electric Building, 4 <sup>th</sup> floor, Plot 27, 1 <sup>st</sup> District, 5 <sup>th</sup> settlement
Postal code, Place	New Cairo
Country	Egypt
Instrument	Electronic three-phase four-wire energy meter Direct connected
Mark - Type	MT512
Register	LCD
Accuracy Class	Active: B
Measurement range	230/400 V, 0,5 .. 10(80) A, 50 Hz active : 800 imp./kWh
Temperature range	-25 .. 55 °C
Use	Indoor, not sensitive to phase sequence
Protection Class	II
Environmental class	M1, E1 and E2
Registry method	Bidirectional method per phase with always positive register: the meter always counts the energy of each phase as received energy, irrespective of the real energy direction of the phase. The nameplate must explicitly state: "Uni-directional measurement meter!"

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.

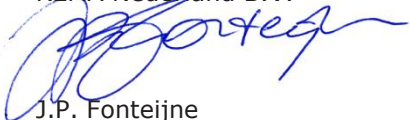
Certification was based on compliance with the following harmonised standards:

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	7 December 2025

Based on a non-recurrent examination.

Version 1 of this certificate. The results are recorded in the following annex: test report 1426-15.  
Notified body number 2290.

KEMA Nederland B.V.



J.P. Fonteijne  
Executive Vice President  
KEMA Laboratories



Arnhem, 7 December 2015