

# CERTIFICATE

## EC-Type examination certificate 09-4045

Applicant	:	Elster Electricity, LLC		
Contact person	:	Mr. R. Cabrera		
Address	:	208 South Rogers Lane		
	:	NC 27610, Raleigh		
Country	:	U.S.A.		
Manufacturer	:	Elster Electricity, LLC	Forth Corporation Public	Elster Rometrics SRL
			Co., LTD.	
Address	:	208 South Rogers Lane	77 moo11 Phuttamonton 5	Calea Lugojului, DN 6,
		NC 27610, Raleigh	Road, Raikhing Sampran	Km.551+330m
			District	Timisoara-Ghiroda, Judetul
			Nakronpratom	Timis 1911
Country	:	U.S.A.	Thailand	Romania
Instrument	:	Electronic three-phase three-wire and four-wire energy meter		
		Direct connected		
Type	:	A1830RALN(-X)		
Register	:	LCD		
Accuracy Class	:	1 / C		
Measurement range	:	100/173-240/415 V		
		5(120) A		
		50 or 60 Hz		
		500 imp./kWh		
Temperature range	:	-25..55 °C		
Use	:	Indoor		
Protection Class	:	II		
Environmental class	:	M1, E2		
Registry method	:	Programmable		

The energy meter meets the requirements of Directive 2004/22/EC of the European parliament and the council of 31 March 2004 on measuring instruments.

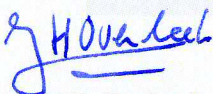
Certification was based on compliance with the following harmonised standards:

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 : September 15, 2019

The results are recorded in the following annex: test report 2118149-QUA/CAL 09-4045.

KEMA Quality B.V.  
Arnhem, September 15, 2009



ing. J.H.M. Overbeek  
Certification manager  
Notified body number 0344



ir. P.J.J.G. Nabuurs  
Managing Director

Integral publication of this certificate and adjoining reports is allowed.

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