

EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1644-18	
Manufacturer	Elster Solutions GmbH	
Contact person	Mr Morar Bogdan	
Address	Steinern Str. 19-21	
Postal code, City	Mainz-Kastel	
Country	Germany	
Production site	Elster Solutions GmbH	
Address	Steinern Str. 19-21	
Postal code, City	Mainz-Kastel	
Country	Germany	
Instrument	Electronic three-phase four-wire energy meter. Direct connected	
Connection	Three-phase four-wire	Single-phase two-wire (phase R)
Mark - Type	HS3300SH4LAT1	
Register	LCD	
Accuracy Class	Active: 1/B - 1000 imp./kWh; Reactive: 2 - 1000 imp./kvarh	
Measurement range	230/400 V 0,25..5(60) A; 50 Hz	230 V
Temperature range	-40 .. 70 °C	
Use	Indoor, not sensitive to phase sequence	
Protection Class	II	
Environmental class	M1, E1 and E2	
Registry method	Programmable, the meters are delivered as: 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	20 November 2028

Based on a non-recurrent examination.

Version 1 of this certificate. The results are recorded in the following annex: test report 1643-18 V1.

DNV GL Netherlands B.V.



J.P. Fonteijne
Executive Vice President
KEMA Laboratories



Arnhem, 20 November 2018

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