

## EU-TYPE EXAMINATION CERTIFICATE

Certificate number	1378-20
Manufacturer 1	Techno Electricals Limited
Contact person	Mr. Nafiza Islam
Address	Bashati Horizon, Suite#A-12, House#21, Road#17, Block#C,Banani, Dhaka-1213
Country	Bangladesh
Production site 1	Techno Electricals Limited
Address	124 Kewdhala Madanpur Bandar-1411, Narayanganj
Country	Bangladesh
Instrument	Electronic single-phase two-wire, keypad and virtual token carrier interface smart pre-payment energy meter. Direct connected.
Mark - Type	SQ-781S-KT and SQ-781S-GT
Register	LCD
Accuracy Class	Active: B ; 1000 imp./kWh
Measurement range	120 – 240 V 0,25-5(60) and 0,25-5(80) A 50 and 60 Hz
Temperature range	-40 .. 70 °C
Use	Indoor
Protection Class	II
Environmental class	M1, M2, E1 and E2
Registry method	Programmable, 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 harmonization 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	21 January 2031

Based on a non-recurrent examination.

Revision 1 of this certificate. The results are recorded in the following annex: test report 1593-20 R0.

KEMA B.V.



Bas Verhoeven  
Director, High-Voltage  
Laboratory

Arnhem, 21 January 2021