EU TYPE EXAMINATION CERTIFICATE
Directive 2014/32/EU, Module B
0598/MID/B/24/023 Issue 1

Product Active Electrical Energy Meters (Annex V MI-003)

Model

Meter type	Description	Instrument Traceable No
ADL400N-CT	Three Phase Import /Export (kWh) Electricity Meter	0598/MID/B/24/023

Certificate holder / Manufacturer Jiangsu Acrel Electrical Manufacturing Co. Ltd
No.5, Dongmeng Road, Nanzha, Jiangyin, Jiangsu, China

Directive information For the instruments mentioned in this Certificate, the following essential requirements of Directive 2014/32/EU apply:
- Annex I Essential requirements
- Annex V Active electrical meters (MI-003)

Standards EN IEC 62052-11:2021/A11:2022, EN 50470-3:2022, IEC 62052-31:2015

Validity This certificate is valid until 2034-11-19
The manufacturer must inform SGS Fimko in case of any intended change to the design. Unauthorised changes will invalidate this certificate.

The Manufacturer is permitted to affix the CE-marking onto the instrument(s) after complying with the conformity assessment procedures referred to in Article 17 of the Directive and to draw up a written declaration of conformity.

Date of issue 2024-11-19

SGS Fimko OY
Notified Body 0598

Signature

Mikko Välimäki
Certification Manager

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Test report(s)

Report Number	Date
SHES231102081901	2024-10-23
SHES231102081902	2024-10-23

Technical information

Meter type(s)	ADL400N-CT
Voltage rating (U^n)	3*230/400V
Current rating (I_{min} – I_{ref} (I_{max}))	0,5-10(80)A, 0,5-10(120)A
Frequency (F_n)	50/60 Hz
Active Accuracy Class (kWh)	A or B (kWh)
Type of circuit	3p4w
Temperature range	-40ºC to +70ºC
Software/Firmware version no.:	2992 V1.07
CRC Checksum	6CB75091
Identification location	LCD
Bill of Materials No.(s)	YZ.40.15.00033
IP rating	IP 51（To be installed in a suitable IP rated enclosure)
Insulation protective class	Class II
LED Pulse Constant	500 imp/kWh
Impulse Voltage Rating	6kV
AC Voltage Rating	4 kV
Main Cover Sealing Type	Main cover clipped in place and sealed with tamper proof sealing tape
Integrity of Meter	Inaccessible without breaking seals
Intended location of the Meter	Indoor
Type of Register	LCD
Terminal Arrangement(s)	DIN

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