EU Type Examination Certificate Number: **0120/SGS0497**

Jiangsu Acrel Electrical Manufacturing Co. Ltd

No.5, Dongmeng Road
Nanzha
Jiangyin
Jiangsu
China

Instrument Identification
ADL 400
Polyphase, Active Import/Export kWh, Electricity Meter

Instrument Traceable Number
0120/SGS0497

has been assessed and certified as meeting the requirements of

EU Directive 2014/32/EU

on Measuring Instruments Annex II, Module B

It is certified that the manufacturer's technical design and specimen for the above instrument has been examined and, based on the evidence submitted, it is considered that the instrument conforms to the requirements of Annex V of EU Directive 2014/32/EU

This certificate must be used in conjunction with a certificate covering the product verification as required in Annex II, Module D or Annex II, Module F

This certificate is valid for 10 years from 9th September 2021 until 8th September 2031
Issue 1

Certification is based on report number(s):
SHES210300438001 25th August 2021
EMA291448/1/TR50579 dated 25th August 2021, EMA291448/1

Authorised Signature

Tom Törn

SGS Fimko OY, Notified Body 0598
Takomotie 8, FI-00380 Helsinki, Finland
t +358 9 8963 61 www.sgs.fi

SGS	EU-Type Examination Certificate Number:	
	0120/SGS0497	
	Issue Number: 1	Dated: 9th September 2021

1. Technical Data

Manufacturer	Jiangsu Acrel Electrical Manufacturing Co. Ltd
Meter Type	ADL400
Voltage Rating *(Un)*	3x230/400V
Current Rating *(Imin – Iref (Imax))*	0.01-1(6)A
Frequency *(Fn)*	50Hz
Active Accuracy Class *(kWh)*	C (kWh)
Type of circuit	3p4w
Temperature Range	-25°C to +55°C
Software/ Firmware Version No	V1.01
CRC Checksum No	B8EE40E8
Identification Location	LCD
Bill Of Materials No.	YZ.40.07.00025
IP Rating	IP51 Must be installed in a suitable IP rated enclosure
Insulation Protective Class	Class II
LED Pulse Constant	10000imp/kWh
Impulse Voltage Rating	6kV
AC Voltage Rating	4kV
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
Location of Manufacturers Address	Nameplate & Associated Documents