

E65C CU adapters
E65C CU-ADPx
Technical data



E65C CU-ADPx adapters permit the external operation of Landis+Gyr communication units (from 2nd generation onwards) together with meters in which no communication unit can be fitted. They generate the supply voltage for the built-in communication unit from the mains voltage.

Revision history

Version	Date	Comments
a	05.04.2019	First edition.

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Application

Function

CU-ADPx adapters permit the external operation of Landis+Gyr communication units (from 2nd generation onwards) together with meters in which no communication unit can be fitted. They generate the supply voltage for the built-in communication unit from the mains voltage.

Voltage E65C CU-ADPx

1-phase rated voltage U_s

58 to 240 VAC

DC voltage U_s

48 to 245 VDC

Voltage range

80 to 115% U_s

Frequency

Rated frequency f_s

50 or 60 Hz

Operating behaviour

Voltage failure (power-down)

Bridging time at 230 V < 2 s

Voltage restoration (power-up)

Function stand-by after 1 s

Power consumption

At 230 V

Without communication unit 0.3 W / 1.0 VA

With CU-G4x (data transmission) 3.5 W / 7.3 VA

Environmental influences

Temperature range to IEC 62052-11

Operation -40 °C to +70 °C

Storage -40 °C to +85 °C

Ingress protection according to IEC 60529

IP51

Electromagnetic compatibility

Electrostatic discharges to IEC 61000-4-2

Contact discharge 15 kV

Radio interference suppression according to IEC/CISPR 22

class B

Fast transient surge test	to IEC 61000-4-5
Current and voltage circuits	6 kV


Insulation strength

With built-in communication unit

Insulation strength 4 kV at 50 Hz for 1 min

Pulse voltage 1.2/50 μ s to IEC 62052-11

Current and voltage circuits 8 kV

Protection class according to IEC 60050-131  2

Display

Voltage indication

green LED

Output

Communication unit power supply

Over the entire input voltage range 12.0 \pm 5% VDC

Maximum current

400 mA

Connections

Terminal layout



Mains voltage connector

Communication unit power supply

10-pin plug

Mains voltage connection

2-pin screwless, spring-type WAGO terminal

Material

Case and transparent cover

Polycarbonate and 10% glass fibre

Weight and dimensions

Weight (without communication unit or adapter plate)
221 g

Weight (without communication unit, with adapter plate)
263 g

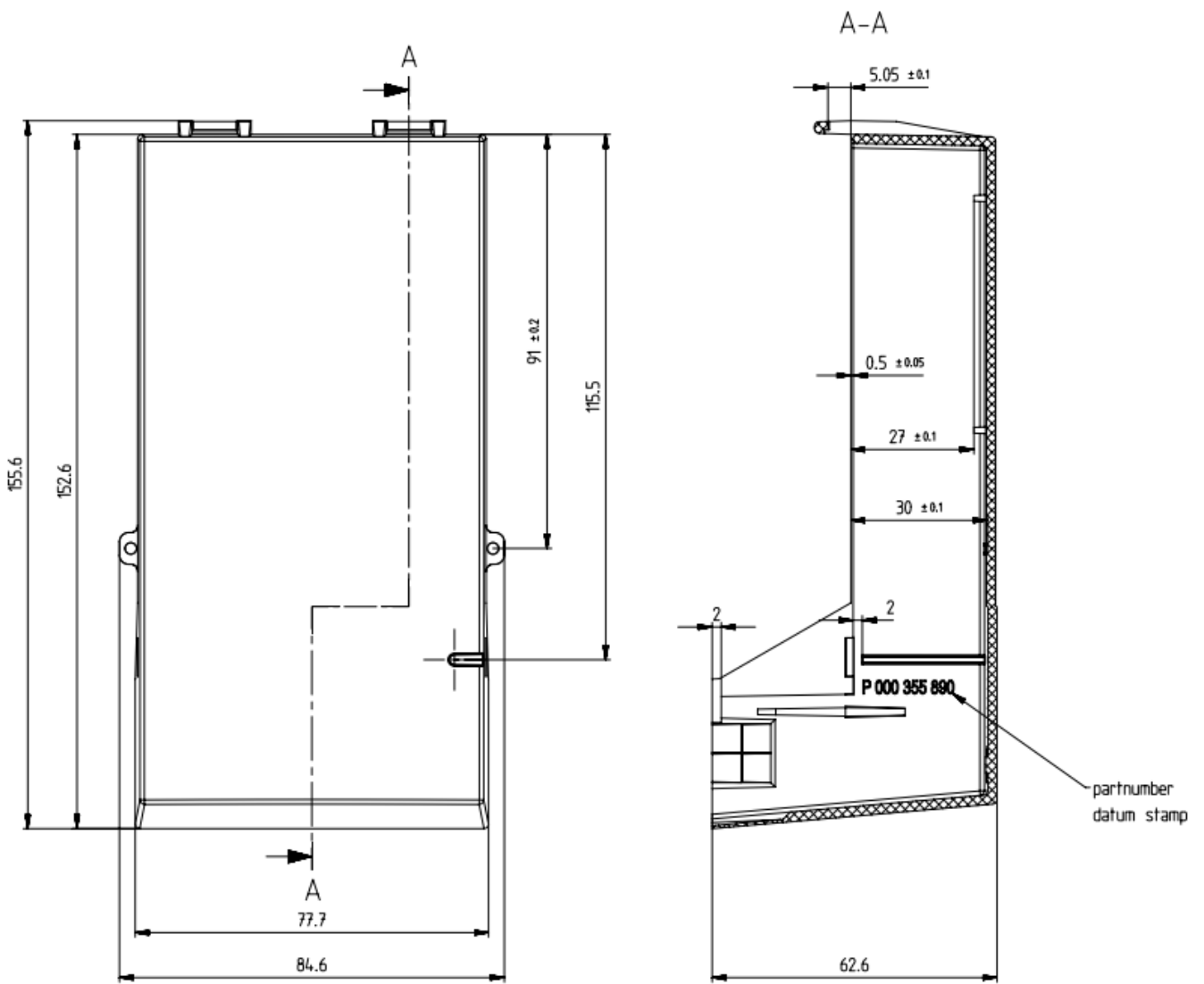
External dimensions (see also "Dimensions" below)

Width 77.7 mm
Height 155.6 mm
Depth 62.6 mm

Suspension triangle

Height 126.4 mm
Width 66.2 mm

Dimensions



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