

Innovative metering solutions

CBUX range

Conlog's new CBU(X) Power Line Communication common base customer interface unit provides the perfect companion to the industry leading BEC44(X) product range. With an eye catching modern design philosophy, the Conlog CBU(X) is welcome in any residential dwelling. The device is simple to install and provides a reliable communication interface that can operate comfortably up to 150 metres. An added benefit is that the CBU(X) is designed to meet the highest quality standards the Conlog brand is known for throughout the industry. The CBU(X) is your answer to reducing non-technical losses with its enhanced anti-tamper feature set.

If you are looking for a robust, reliable Power Line Communication metering solution, Conlog is the partner you can trust.



Features

- > Orthogonal Frequency-Division Multiplexing (OFDM) modulation
- > Operates in extreme supply conditions
- > G3-PLC
- > CENELEC A band
- > Quick and easy to install
- > Reduced installation costs
- > Tactile keypad with audible feedback
- > Consumption Rate indicator
- > Bypass detection
- > Common wallbase customer interface unit



We see a world where we can all achieve more while using less



We help utilities maximise their service delivery



Our products, solutions and services are simple, efficient and innovative

Product specifications

Voltage ratings

Nominal voltage (-20% +15%) 220VAC - 240VAC
 Supply frequency (±5%) 50Hz

Nominal Power Consumption

2W / 10VA

Customer displayed information

Status of consumer's AC supply
 Available credit
 Low credit warning
 Token accept / reject
 Previously entered STS tokens (meter dependant)
 Meter status register
 Range dependent on environment and installation

Displays

Number of digits: 7 major / 3 minor
 Character height: 15mm / 7mm
 Type: Liquid crystal display
 Viewing area: 53mm x 30mm
 Annunciators: 6 icons and 10 segment bar graph

Keypad

Columns x rows: 3 x 4
 Key press feedback: tactile / silicon rubber keys
 Accessibility: visually impaired friendly

Audible feedback

Key presses
 Token acceptance / rejection
 Low credit warning

Communication (MCU)

Power line communication (OFDM)
 CENELEC A Band

Environmental

Operating temperature -10°C to +55°C
 Storage temperature -25°C to +70°C
 Humidity 95% non-condensing
 IP rating IP 54
 RF immunity 30V/m
 Manufacture Pb (Lead) free

Installation

Insulation class Double insulation

Security

CBU bypass tamper

Tested Standards

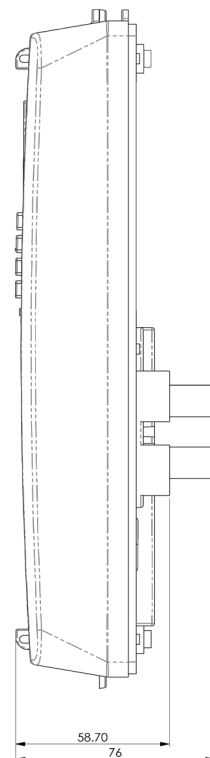
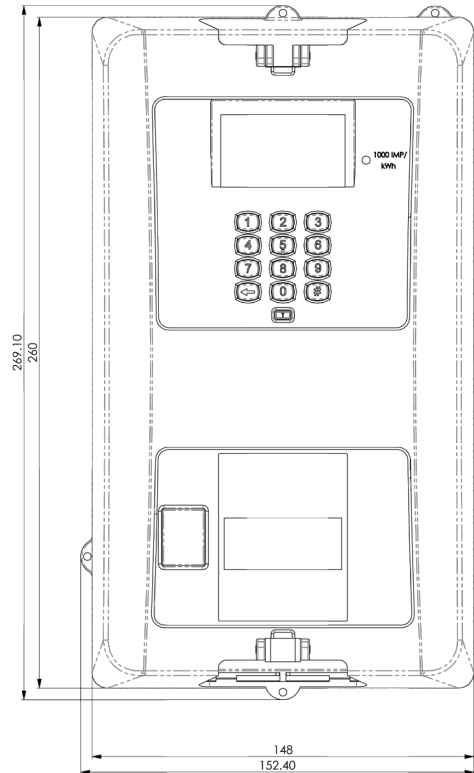
IEC 61000-4-2
 IEC 61000-4-3
 IEC 61000-4-4
 IEC 61000-4-5
 IEC 60950-1
 CISPR22 Class B

Packaging

Units per carton 5
 Packed weight (incl. box) 3.5kg

For further packaging information, kindly contact Conlog

* Subject to ambient conditions
 All dimensions are in mm



Conlog

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