

Link different

CIUX range

Conlog's new CIU(X) Power Line Communication customer interface unit provides the perfect companion to the industry leading BEC44(X) product range. With an eye catching modern design philosophy, the Conlog CIU(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 CIU(X) is designed to meet the highest quality standards the Conlog brand is known for throughout the industry.

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
- > Alkaline battery backup
- > Quick and easy to install
- > Reduced installation costs
- > Tactile keypad with audible feedback
- > Consumption Rate indicator



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	110VAC - 127 VAC
Supply frequency (±5%)	50Hz	60Hz

Electrical ratings

Battery size (Alkaline)	AA
No. of batteries required	2
Battery voltage	1.5V
Operating voltage range	1.8V to 3V
Typical battery life	3 years
Status indicators	Rate indicator (1000 imp/kWh)

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 52
RF immunity	30V/m
Manufacture	Pb (Lead) free

Installation

Insulation class Double insulation

Tested Standards

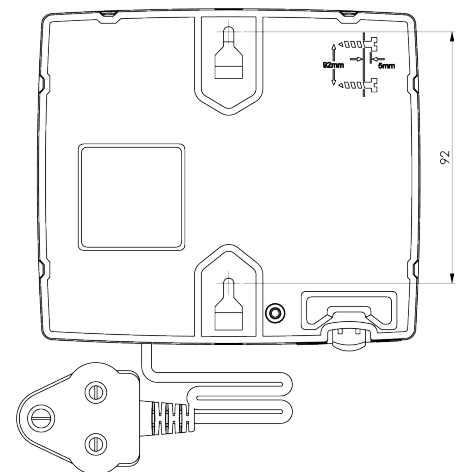
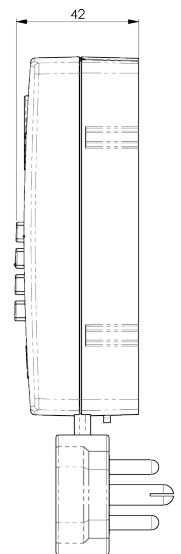
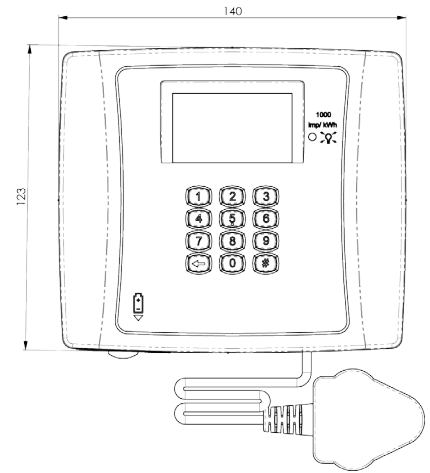
IEC 61000-4-2
 IEC 61000-4-3
 IEC 61000-4-4
 IEC 61000-4-5
 IEC 60950-1
 CISPR22 Class B

Packaging

Units per carton	5
Packed weight (incl. box)	1.97kg

For further packaging information, kindly contact Conlog

* Subject to ambient conditions
 All dimensions are in mm



Conlog

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