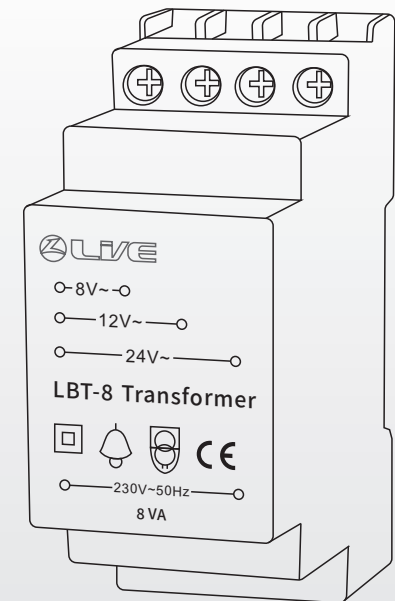


© Product installation and operation guide



## BELL TRANSFORMER



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Ensure that these instructions are made available to the end user for future reference.

# BELL TRANSFORMER

## Description

Applicable to circuit with rated voltage 230V~ and rated frequency 50/60Hz, used to power electric door bell of extra low voltage.

## Features

- Safe electrical separation between primary and secondary circuit
- Provides extra low voltage up to 24V
- Low operating temperature

## Technical Data

- Rated input voltage: 230V AC
- Rated output voltage: 8, 12, 24V
- Rated frequency: 50/60Hz
- Rated power output: 8VA
- Consumption: 1.15W
- Service period: continuous operating
- Pollution class: 2
- Connection terminals: pillar terminal with clamp
- IP RATING: IP20 EN 60529
- Mounting: 35mm top hat din rail
- Installation: Vertical
- Torque (switch terminals): 1.5Nm
- Maximum cable: 4mm<sup>2</sup>
- Power consumption (W): 0.9
- Ambient temperature: -5°C~+40°C
- Complies with: EN 61558-2-8/EN 61558-1

**Recommended for domestic use only !**

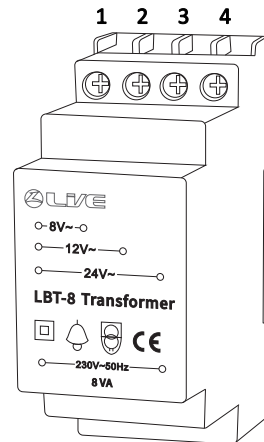
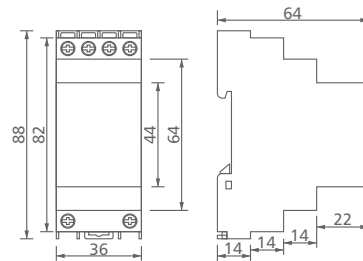
## 1 Technical information

### 1.1 Dimensions

Connections

8V 1A :	1	2
12V 0.66A :	1	3
24V 0.33A :	1	4

## Outline Dimensions



**1.2** Bell Transformer must be installed by a qualified electrician in accordance with the current IET Wiring Regulations BS 7671.

**1.3** Total load must not exceed the rating of the bell transformer or any additional limitation.

## 2 Installation

**2.1** Switch OFF mains power before installation.

**2.2** Bell Transformer must be mounted vertically in a suitable enclosure with din rail.

**2.3** Ensure main connections are connected to bottom terminals, as shown in the diagram, and are secure and correctly torqued. Ensure that no insulation is trapped within the terminal cage.

**2.4** Select the output voltage required for your bell and connect to the corresponding top terminals. Again ensure only bare wire is tightened in the terminal cages and that ALL connections are correctly torqued.

**2.5** Check ALL connections before switching ON mains power.

## 3 Testing

**3.1** On completion of the installation, it must be tested in accordance with the latest edition of the IET Wiring Regulations for Electrical Installations (BS 7671).

## Environment



WASTE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF IN HOUSEHOLD WASTE. CONTACT YOUR RETAILER OR LOCAL AUTHORITY FOR RECYCLING INFORMATION.

## Unit Dimension

Part No.	Description	Box Qty
LBT-4	4VA Bell Transformer	40
LBT-6	6VA Bell Transformer	40
LBT-8	8VA Bell Transformer	40
LBT-12	12VA Bell Transformer	40
LBT-16	16VA Bell Transformer	40
LBT-24	24VA Bell Transformer	40