

Electronic Gong

Series CJ60U

Publication Number PB154/0418

Application

The Dewhurst CJ60U (UniBlade) Electronic Gong has been designed specifically to be use with the Dewhurst range of UniBlade hall lanterns. Where the speaker for the gong is installed into the bracket assembly of the UniBlade lantern. This compact stand alone unit provides a single gong (up) or double gong (down) and is designed to funtion from 15 - 36V d.c. derived from a rectified and smoothed power supply at 12/24V a.c./d.c.

NOTE: This component can be used to meet M2/S2* Building Regulations and EN81-70.

Construction

The CJ60U has two cables:

- 1) With a 5 way Molex connector - cable size: 7/0.25 (0.34 mm²) used with 5 way Molex connector
- 2) With 6 way screw terminal block - cable size: 6 core 7/0.20 (0.22 mm²) used with 6 way screw connector

PVC box IP rating: IP20

Overall dimensions: 18.5mm x 94mm x 56mm

Weight: 150 grams

Operation

The gong operates by providing and common +Ve or -Ve to the COM terminal and the oppersite supply (+Ve or -Ve) to the G1 (gong 1 for up) and G2 (gong twice (2) for down). When used with Dewhurst range of displays, it plugs directly into the display board (GONG) connector.

Connections to the electronic gong:	Single Gong (G1):	Yellow wire	+ve
	Double Gong (G2):	Red wire	+ve
	COM:	Black wire	-ve

Note: polarity can be reversed

By wiring the negative wire via the floor selector output of a controller, the gong will only operate on car arrival at the correct floor.

Installation

The stand-alone gong unit can be easily mounted into any fixture. Three connecting leads of 250mm length are provided together with a 5 way Molex connector that can be plugged into any Dewhurst display. By removing this cable you this unit can be used and wired discretely to a lift controller lantern/gong outputs. The 6 way screw terminal block is used to connect to the Dewhurst UniBlade lantern. The colours of the cables of this unit and the UniBlade lantern match.

Technical

Current consumption:	80mA
Temperature range:	Operating: 30°C to 100°C
	Storage: 55°C to 125°C
Sound level (range):	Adjustable between 35dBA - 65dBA (Meets EN81-70 requirements)
Sound level (max):	82dBA at 1m (in free air, without faceplate/fixture)

EEC Directives

This component has been designed with due consideration to both BSEN81-20/50 and the EMC Directive 2014/30/EU standards BSEN12015 and BSEN12016 for incorporation in a lift application.

- *M2** The Building Regulations 1991 Access and Facilities for Disabled People. Access and Use M2 (England and Wales).
- S2** Technical Standards (Building Regulations) Part S : Access and Movement within Buildings and Protective Barriers. Movement within Buildings S2 (Scotland).

CJ60U ELECTRONIC GONG (Part Number 002097-601001)

