

Electronic Gong

Series CJ70 (Low Profile)

Publication Number PB190/0418

Application

The Dewhurst CJ70 Serial Electronic Gong is an audible indication for lift arrival at a floor, which also has output to control lantern arrows. This low profile serial unit offers the choice of a single or double tone and is designed to be connected to the Dewhurst 4 wire serial encoders (CH024/034 or CX-Basic).

The CJ70 is suitable for use with the Dewhurst Profile station, which could also include the 30mm and 50mm ULSP digital display unit.

NOTE: This component can be used to meet M2/S2* Building Regulations when a car arrival gong is fitted to the car. This gong should give at least 5 seconds notification that the lift is answering a landing call. This product can also meet the requirements of EN81-70.

Operation

Connections to the electronic gong:

4 way screw connector: 4 wire serial link to encoder
3 way screw connector: common (+v) up/down lantern control

Installation

The serial gong unit can be easily mounted onto any faceplate - for grilling details see overleaf. Simply connect the 4- wire serial communication to the encoder, connect your lantern arrows to the 3-way connector and set the DIP switches to your floor level.

Minimum cable size: 0.75mm² (4 wire serial link)
Current consumption: 35mA (nominal) 200mA (peak)
Lantern outputs: 500mA (sink)

Construction

PCB with speaker grille and hardware are supplied with each unit.

Overall dimensions: 18.5mm x 112.25mm x 65mm
Weight: 168 grams
Temperature range: Operating: -25°C to 65°C
Storage: -30°C to 75°C
Sound level (range): 0 to 65dBA at 1m (behind a faceplate with recommended grille hole pattern)
Sound level (max): 82dBA at 1m (in free air, without faceplate)

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).

