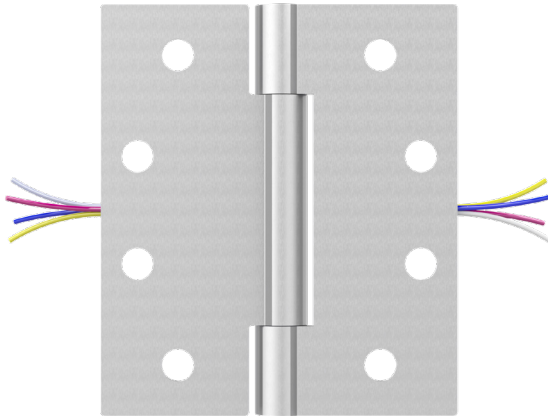


# CONDUCTOR HINGE

FIRE + SMOKE RESISTANT AIR TRANSFER GRILLES

Our electrical conductor hinges designed for concealed transfer of power from fire + smoke air transfer grilles into the door leaf. The hinge utilises advanced polymer bushes to provide a totally maintenance free, low friction hinge.

Tested to BS EN 1935:2002 and Certifire Approved.  
Capable of carrying 24v at 2 amps.



Conductor hinge



Cable way with intumescent sleeve  
(available separately)

## SYSTEM SPECIFICATIONS

### Test evidence

- ▶ Building hardware: BS EN 1935:2002.
- ▶ CE Certificate no.: 1121-CPR-AC0063.
- ▶ Durability: Tested to 200,000 cycles.

### Size

- ▶ Height: 100mm.
- ▶ Width: 88mm.
- ▶ Thickness: 3mm.

### Cable detail

- ▶ Standard length: 1m frame side and leaf side.
- ▶ 4-core cable supplied as standard (3-core + spare). Other options available for special order.

### Material

- ▶ Brushed stainless steel 304 as standard. 316 stainless steel available to special order.

### Application

- ▶ Suitable for timber fire doors.
- ▶ Minimum door thickness 44mm.
- ▶ 30 and 60 minute timber and mineral-based assemblies.
- ▶ Maximum leaf weight: 120kg.

### Use with

- ▶ Talkback damper control system.
- ▶ LVN20S / LVN25S.

### Intumescent sleeve for cable way

- ▶ Internal diameter: 5mm
- ▶ Overall diameter: 9mm
- ▶ Routing diameter: 10mm
- ▶ Length: 1000mm.

### Fixing

- ▶ To be fitted with 1mm MAP intumescent hinge pads.
- ▶ Failure to install the intumescent protection, will invalidate the Certifire Certificate (CF209).
- ▶ Supplied with manufacturers wood screws (M5 x 32mm).

### Certification

(CF209)

### Classification

