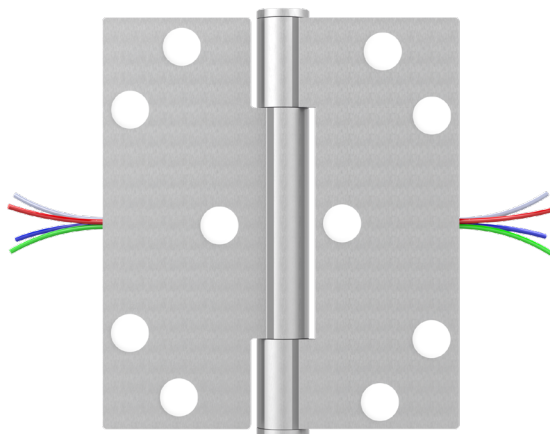


CONDUCTOR HINGE

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
(supplied as part of the hinge kit)

SYSTEM SPECIFICATIONS

Test evidence

- ▶ Building hardware: BS EN 1935:2002.
- ▶ CE Certificate no.: 2812-CPR-AC0063.
- ▶ Durability: Tested to 200,000 cycles.

Size

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

Cable detail

- ▶ Standard length: 600mm frame side and 1000mm leaf side.
- ▶ 4-core cable supplied as standard (3-core + spare). Other options available for special order.

Hinge kit

- ▶ 2 x butt hinges & 1 x conductor hinge (square corners).
- ▶ 6 x Mono-Ammonium Phosphate hinge pads 100 x 35 x 1mm with s/a backing.
- ▶ 1 x 1m of door cable/intumescent sleeve.

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.

Location

- ▶ Load bearing hinge may be placed at lower hinge position or mid hinge position.

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



CONDUCTOR HINGE



Load bearing hinge may be placed at lower hinge position or mid hinge position for power transfer to air transfer grilles and/or powered lock sets.

