

EA

Accessible Through Wire

Geared Hinge Electrical Prep
3,000,000 Cycle Test Completed

PREP: ABH geared continuous hinges can be prepared for easy access electric through-wires to provide continuous current.

Description: #22 AWG Miniature Hook-Up Wire for applications requiring extreme flexibility.

Conductor: #22 AWG 168/44 (0.002;) Soft Bare Copper LHL.

Insulation: Proprietary formulation PVC 0.010; NOM. wall meets VW-1 flame requirement.

Diameter: 0.053" ± 0.003".

Resistance: 16.7 Ohms max. @ 20°C, per 1000 ft.

Voltage Rating: 600 volts RMS, depending on specification.

LOCATION: See website for templates _
<https://www.abhmfg.com/aluminum-continuous-hinges>

HANDING: 83" Non-Handed, see website for 95" and 120" templates.

ORDER: Use suffix "EA," plus the number of wires required. Specify location of each EA and handing (if required).

Example: A240 HDC 83 EA4 44-1/16" from top of hinge to centerline, RH.

AVAILABILITY: A110, A111, A140, A150, A160, A240, A260, A270.

LEAD TIME: 48 Hours, standard lead time, depends on quantity.

WARRANTY: Lifetime.

IMPORTANT: ABH does not recommend preparing door and frame for ABH before receipt of hinge. If door and frame must be prepared before receipt of hinge, contact factory for special template.



Electrified door hinges are notorious for failing. When they do, accessing the wires to fix them can take a long time. So EA set out to design a better electrified door hinge. The EA Accessible Through-Wire (ATW) concealed geared continuous hinge prep is everything you've been wanting:

Faster repairs. This hinge prep has a fully integrated design. There are no cuts or panels to compromise its performance or integrity. Simply remove the cover plate, access the recessed wires and make your repair – you'll finish in less than five minutes.

Fewer repairs. This innovative design protects the ultra-flexible 22-gauge through-wires so they last longer. Even though you can

fix the wire harnesses faster, you'll hardly ever have to do so. In fact, we're so sure this electrified ATW hinge prep won't be a maintenance hassle, it comes with an industry-exclusive lifetime warranty.

Quicker installation. We incorporated EZ connectors so you can speed up your hinge installations (and those rare repairs), too. 12-pin connectors, and extra-long leads are available as needed. Less wait time. Give us your EA order (you have nine geared continuous models to choose from – see other side) and we'll aim to have your hinges on their way to you within 48 hours. The only thing you'll wait for ... years and years before they need repairing.