

KROME

Installation Instructions for ECT POWER TRANSFER HINGE

Applications:

The Energy Transfer Hinges are used to pass low voltage power from the hinge jamb to the lockset without having any exposed wires. These hinges are commonly used with electronic mortise and cylindrical locks, electric strikes (when on pair of doors), electric exit trims, latch pullback devices, door mounted and card readers and low voltage door lights. The quantity and required gauge of wire depends on the hardware being used and the general purpose of the application.

Door Preparation:

The wire chase should be drilled with a 3/8" drill bit at the point noted on the hinge template. The ECT hinge should always be positioned as one of the center hinges on the door, since the modified hinge no longer meets manufacture's load bearing specifications. A starter hole of 3/4" diameter x 1-1/2" deep is recommended for positioning the hinge wire (see note).

Frame Preparation:

Mark and drill hole to receive the wires from the ECT hinge (see note #1).

Warnings:

1. Be careful not to pinch wires when securing the hinge.
2. Do not allow the hinge to dangle by the wire during installation

Notes:

1. In fire rated conditions be sure to confirm the maximum starter hole diameter and depth with the appropriate testing agency.
2. Steel based hinges are for interior use only. Use stainless steel brass base hinges for exterior installations.

ELECTRICAL SPECIFICATIONS (MAXIMUM CONTINUOUS RATING):

ENERGY TRANSFER HINGES FOR CYLINDRICAL LOCKS, MORTISE LOCKS AND PANIC TRIMS

ECT4: 4 Wires - 26 gauge - 1A@24V (per pair)

ECT4-28: 4 Wires - 28 gauge - 1A@24V (per pair)

ECT8: 8 Wires - 28 gauge - 1A@24V (per pair)