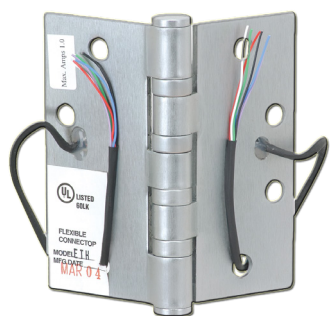


# ELECTRIFIED HINGES

**FEATURES**

- The Electrified Hinge makes door wiring easy, safe and reliable
- Power can now be transferred from the frame into the door either concealed or exposed
- We are now able to monitor the position of the door, transfer power and incorporate both functions into a single hinge
- We now have the ability to electrify other hardware items such as Exit Devices, and Electrified Locks
- Full Mortise Hinges are highly recommended for modification purposes
- Monitoring can be supplied on a half surface hinge if the need arises
- It is recommended that the center hinge location be used with all electrically modified hinges
- The maximum voltage allowed in electrified hinges is 48 volts
- The current (amperes) should also be taken into consideration



**FOR QUICK CONNECT OPTION ON 4-, 8- and 12-WIRE ELECTRIFICATION, PREFIX "ELQC" BEFORE ITEM #.**

**molex**

MICRO-FIT 3.0™ INTERCONNECT SYSTEM AVAILABLE TO RETROFIT COMMON QUICK CONNECTION SYSTEMS SUCH AS ELECTROLYNX® OR ALLEGION CONNECT®.

**4-, 6- and 8-wire available on all Standard Weight, Heavy Weight and Concealed Ball Bearing hinges in all sizes. Specify Hinge.**

ALL HINGES SHOWN BELOW ARE **STOCK ITEMS FOR IMMEDIATE SHIPMENT.** NON-STOCK DESIGNS, SIZES AND FINISHES ARE AVAILABLE WITH FACTORY LEAD TIME.

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

To Order: Prefix **ELE** + (**No. of wires**) before **ITEM #**

HINGE TYPE	# OF WIRES	ITEM#	SIZE	
STANDARD WEIGHT, Full Mortise, Two Ball Bearing	4 wires	BB545	5" x 4 1/2"	
	8 wires			
	4 wires	BB31	4 1/2" x 4 1/2"	
	6 wires			
	8 wires	<b>ELQC</b> - BB31	4 1/2" x 4 1/2"	
	4 wires			
	8 wires			
	STANDARD WEIGHT, Full Mortise, Two Ball Bearing	12 wires	BB454	4 1/2" x 4"
		4 wires		
		8 wires	BBSC56	4" x 4"
		4 wires		
		8 wires		
4 wires				
STANDARD WEIGHT, Full Mortise, Two Ball Bearing	4 wires	BBRC45	4" x 4"	
	8 wires		1/4" Radius	

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

Prefix **ELE** + (**No. of wires**) before **ITEM #**

- ELE4: 4 Wires** - 26 gauge - 1A@24V (per pair) - **ELQC4:** (For QC Option)
- ELE6: 6 Wires** - 28 gauge - 1A@24V (per pair)
- ELE8: 8 Wires** - 28 gauge - 1A@24V (per pair) - **ELQC8:** (For QC Option)
- ELE12: 12 Wires** - 28 gauge - 1A@24V (per pair) - **ELQC12:** (For QC Option)

**ENERGY TRANSFER HINGES FOR ELECTRIFIED PANIC BAR (ELR)**

Prefix **ELELR** + (**No. of wires**) before **ITEM #**

- ELELR4: 2 Wire** -18 gauge, 5A (16A in-rush for 300 ms.) + **2 Wire** -26 gauge
- ELELR6: 2 Wire** -18 gauge, 5A (16A in-rush for 300 ms.) + **4 Wire** -28 gauge
- ELELR8: 2 Wire** -18 gauge, 5A (16A in-rush for 300 ms.) + **6 Wire** -28 gauge
- ELELR12: 2 Wire** -18 gauge, 5A (16A in-rush for 300 ms.) + **10 Wire** -28 gauge

**\*\*Each 18 AWG wire is rated 24 Volts AC/DC at 5 amps max. continuous, or 16 amps max. current with 300 msec. minimum "off" time between pulses, for 10 seconds**

**NOTE: All hinges are sold with a minimum order quantity (MOQ) equal to or exactly divisible by the inner box quantity specified in the catalog or price book.**

**HEAVY WEIGHT, Full Mortise, Four Ball Bearing**

4 wires	BB5500	5" x 5"
4 wires	BB5210	5" x 4 1/2"
8 wires		
4 wires	BB5200	4 1/2" x 4 1/2"
8 wires		
4 wires	BB52454	4 1/2" x 4"
8 wires		

**CONCEALED, Full Mortise, Two Ball Bearing**

4 wires	BB2200	4 1/2" x 4 1/2"
8 wires		

**ENERGY TRANSFER HINGES FOR ELECTRIFIED PANIC BAR (ELR)**

To Order: Prefix **ELELR** + (**No. of wires**) before **ITEM #**

HINGE TYPE	# OF WIRES	ITEM#	SIZE	
STANDARD WEIGHT, Full Mortise, Two Ball Bearing	8 wires	BB545	5" x 4 1/2"	
	4 wires			
	6 wires	BB31	4 1/2" x 4 1/2"	
	8 wires			
	STANDARD WEIGHT, Full Mortise, Two Ball Bearing	8 wires	BB454	4 1/2" x 4"
		8 wires	BBRC45	4" x 4"
8 wires		1/4" Radius		
HEAVY WEIGHT, Full Mortise, Four Ball Bearing	8 wires	BB5210	5" x 4 1/2"	
	4 wires	BB5200	4 1/2" x 4 1/2"	
	6 wires			
	8 wires			