

Architectural Hinges



Full Mortise - Exposed Electric

Three Knuckle



Electric Contact - E2

Available on architectural grade ball bearing and anti-friction bearing

- Two contacts minimum required to transfer electrical current
- Design includes insulated copper contacts
- Furnished with non-removable pins

Hinge Size		Contacts
Inches	mm	
4 x 4	102 x 102	2 or 3
4 1/2 x 4 1/2	114 x 114	2, 3, or 4
5 x 5	127 x 127	2, 3, or 4

Contact Maximum Electrical Rating		
Volts	48 VDC	
Amperes	3.5 Amps	CONTINUOUS
	16.0 Amps	PULSE

Five Knuckle



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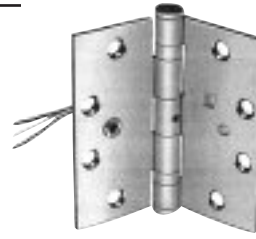
Electric Switch - E1S

Available on architectural grade ball bearing and anti-friction bearing

- Single pole, double throw switch
- Furnished with non-removable pins

Hinge Size	
Inches	mm
4 x 4	102 x 102
4 1/2 x 4 1/2	114 x 114
5 x 5	127 x 127

Switch Maximum Electrical Rating	
24 VDC @ .250 Amps	



Electric Switch - E1S

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Hinge Size	
Inches	mm
4 x 4	102 x 102
4 1/2 x 4 1/2	114 x 114
5 x 5	127 x 127

Switch Maximum Electrical Rating	
24 VDC @ .250 Amps	



Electric Contact/Switch - E2/E1S

Available on architectural grade ball bearing and anti-friction bearing

- A combination of two contacts and one switch
- Single pole, double throw switch
- Design includes insulated copper contacts
- Furnished with non-removable pins

Hinge Size	
Inches	mm
4 x 4	102 x 102
4 1/2 x 4 1/2	114 x 114
5 x 5	127 x 127

Contact Maximum Electrical Rating		
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Amperes	3.5 Amps	CONTINUOUS
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Switch Maximum Electrical Rating	
24 VDC @ .250 Amps	



Architectural Hinges

Full Mortise - Concealed Electric

Three Knuckle

Concealed Electric

Available on architectural grade ball bearing and anti-friction bearing

- Available in Steel, Brass and Stainless Steel
- 28 gauge wire
- Standard sizes available 4" through 8"
- Hinge pins are not field removable. NRP variation is not available.



Electric Monitor Only - EMN

- Monitoring capability only
- Concealed subminiature snap action, SPDT switch
- Adjustment feature for a wide range of switch sensitivity
- Preset switching circuit
- For open loop secure, closed loop secure or single pole double throw (SPDT)

Switch Maximum Electrical Rating

30 VDC @ .500 Amps

Five Knuckle

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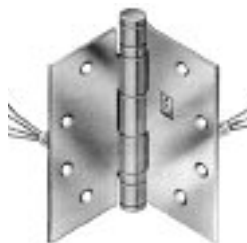


Electric Through-Wire Only - ETW

- Low voltage electric current transfer capability only
- 4, 6, 8, 10 or 12 continuous electric conductors

Wire Maximum Electrical Rating

Volts	48 VDC	
Amperes	3.5 Amps	CONTINUOUS
	16.0 Amps	PULSE



Electric Through-Wire Only - ETW

- Low voltage electric current transfer capability only
- 4, 6, 8, 10 or 12 continuous electric conductors

Wire Maximum Electrical Rating

Volts	48 VDC	
Amperes	3.5 Amps	CONTINUOUS
	16.0 Amps	PULSE



Electric Through-Wire with Monitoring - ETM

- Both continuous electric conductors and monitoring capability
- Concealed monitor switch and 4, 6, 8 or 10 continuous electrical conductors
- Adjustment feature for a wide range of switch sensitivity
- For open loop secure, closed loop secure or single pole double throw (SPDT)

Wire Maximum Electrical Rating

Volts	48 VDC	
Amperes	3.5 Amps	CONTINUOUS
	16.0 Amps	PULSE

Switch Maximum Electrical Rating

30 VDC @ .500 Amps



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