

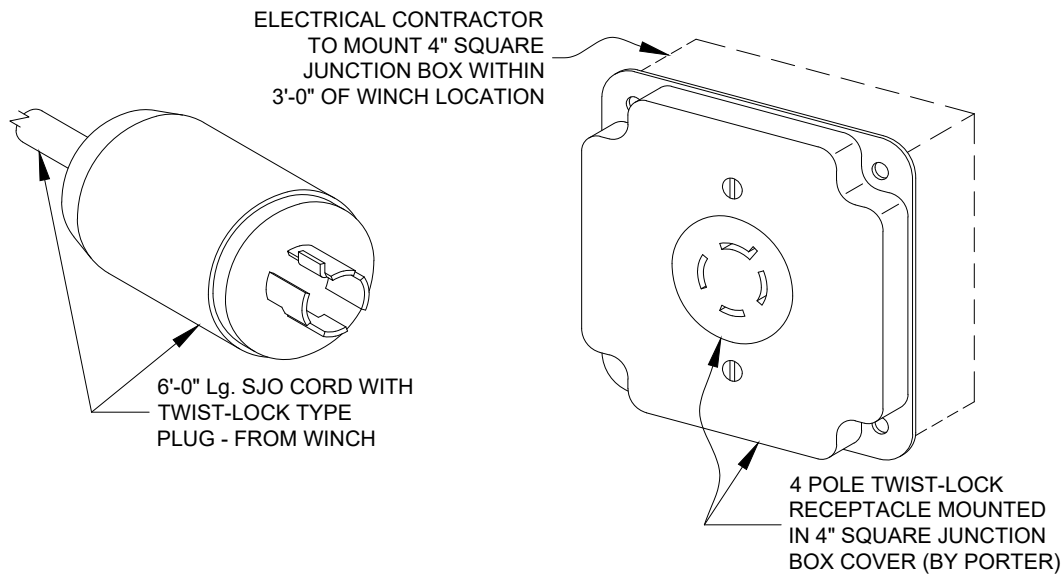


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XELE007911xx - KEY SWITCH CONTROL SYSTEM INSTALLATION AND MAINTENANCE GUIDE

Key Switch Control System - XELE007911xx

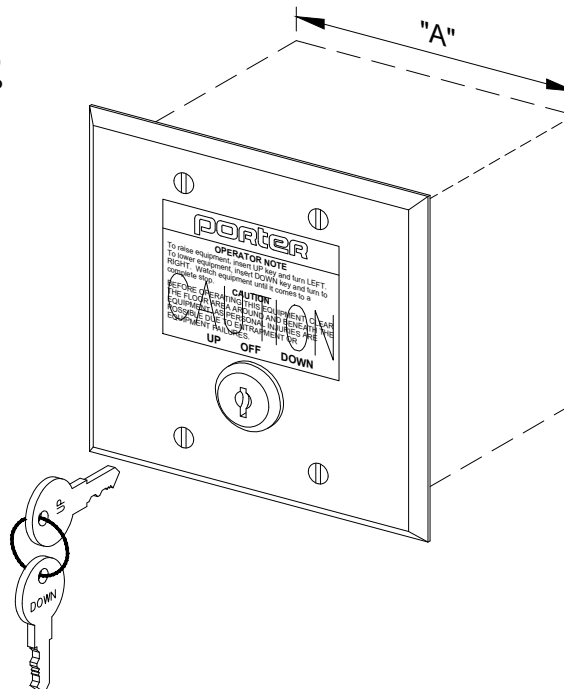
WIRING AT WINCH



WIRING AT WALL MOUNTED KEY SWITCH

INDIVIDUAL KEY SWITCH MOUNTED IN A STANDARD 4½" SQUARE FLUSH-MOUNTED STAINLESS STEEL COVER PLATE FOR MOUNTING IN A 4" SQUARE x 3½" DEEP MASONRY BOX (RACO No. 696 OR EQUAL) BY ELECTRICAL CONTRACTOR.

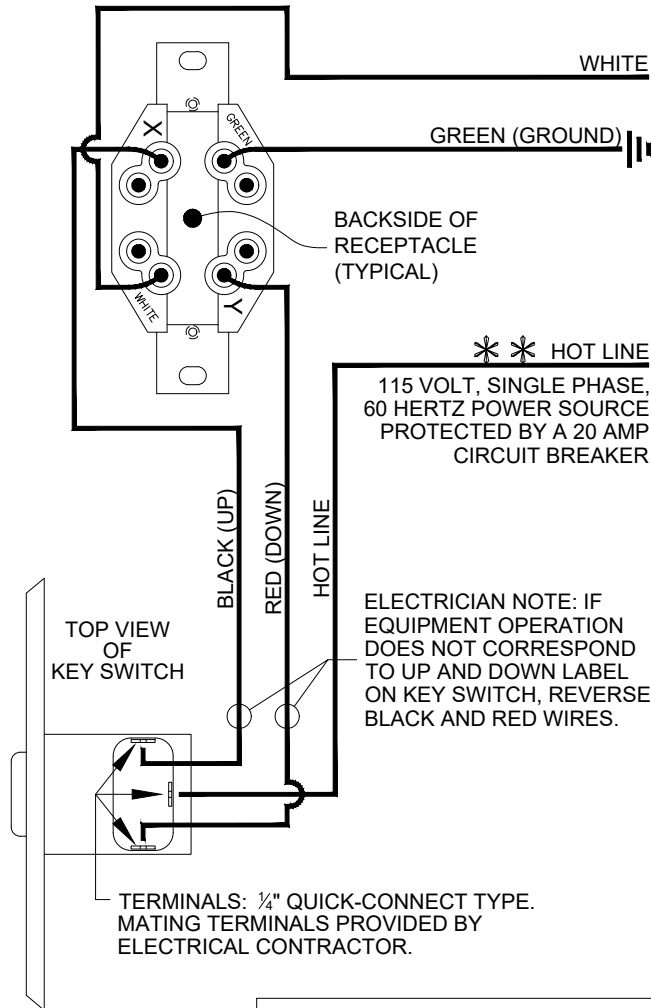
MOMENTARY KEY SWITCH FURNISHED WITH TWO KEYS (UP AND DOWN) TO PREVENT THE POSSIBILITY OF INSTANTANEOUS REVERSING OF THE WINCH, WHICH COULD RESULT IN OVERRIDING THE LIMIT SWITCHES, OR PLACING UNDUE STRESS ON HOIST SYSTEM. DO NOT SEPARATE KEYS FROM EACH OTHER.



CAUTION

KEY SWITCH MUST BE MOUNTED ON THE WALL IN A LOCATION SO THAT THE EQUIPMENT IT IS CONTROLLING IS IN FULL VIEW OF THE OPERATOR.

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IMPORTANT NOTE - PERFORMANCE OF WINCH IS BASED ON 115 VOLTS AT MOTOR TERMINALS. VOLTAGES LESS THAN 115 VOLTS WILL AFFECT HOISTING CAPACITY AND RESULT IN DAMAGE TO MOTOR, THUS VOIDING WARRANTY. **SUBSTITUTION** OF THIS KEY SWITCH WILL VOID ALL WARRANTIES AND WILL RENDER THE OPERATION OF BACKSTOPS / CURTAINS UNSAFE.

* * The minimum wire size is dependent on the motor voltage, motor full-load amperage rating, and the **TOTAL** distance from the circuit breaker panel to the winch receptacle. Consult **VOLTAGE DROP CALCULATION TABLES** to determine the minimum wire size.

WARNING: This product can expose you to Vinyl Chloride, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

* GANGED KEY SWITCH ASSEMBLIES ARE AVAILABLE - SPECIFY QUANTITIES (SEE TABLE BELOW FOR WALL BOX SIZE REQUIREMENTS - DIMENSION "A").

KEY SWITCH QTY.	"A" BOX WIDTH	RACO MASONRY BOX No. (Or Equal)	RACO GANGABLE BOX No. (Or Equal)	
1	3 3/4"	696	592 Qty. 2	
2	7 3/8"	698	592 Qty. 4	
3	11"	965	592 Qty. 6	
4	14 5/8"	N/A	592 Qty. 8	
5	18 1/4"	N/A	592 Qty. 10	
6	21 7/8"	N/A	592 Qty. 12	

AVAILABLE GANGED KEY SWITCHES

Field Note - If ganged plate requirement is not specified, the individual key switch assembly will be provided.

Porter recommends the use of "double" gang spacing (as illustrated) per single switch, to provide adequate clearance for wiring within the electrical box.

<p>Individual Key Switch Assembly Supplied As Standard</p> <p>1 Key Switch, 2 Gang Box XELE00791112 = 1 Backstop XELE00791212 = 2 Backstops</p> <p>2 Key Switches, 4 Gang Box XELE00791122 = 2 Backstops XELE00791222 = 4 Backstops</p> <p>3 Key Switches, 6 Gang Box XELE00791132 = 3 Backstops XELE00791232 = 6 Backstops</p>	<p>4 Key Switches, 8 Gang Box XELE00791142 = 4 Backstops XELE00791242 = 8 Backstops</p> <p>5 Key Switches, 10 Gang Box XELE00791152 = 5 Backstops XELE00791252 = 10 Backstops</p> <p>6 Key Switches, 12 Gang Box XELE00791162 = 6 Backstops XELE00791262 = 12 Backstops</p>
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