CENTER-STRUT® HEIGHT ADJUSTMENT SYSTEM
ELECTRIC OPERATION With KEY SWITCH CONTROL
FIELD WIRING DETAILS and REQUIREMENTS

NOTE - All wiring between the height adjuster and the key switch is to be done by an electrical contractor per the diagram below, to meet all local code requirements.

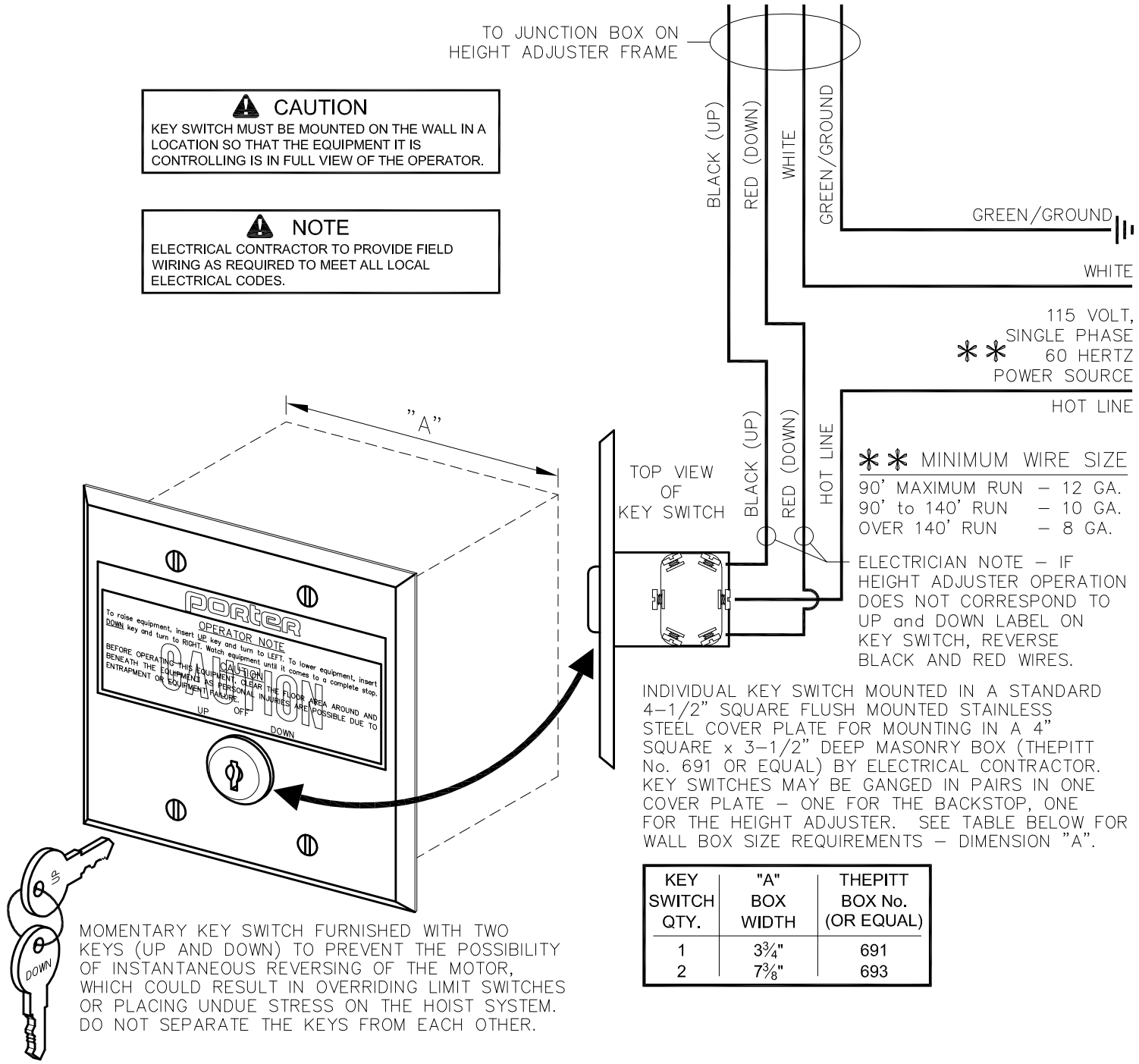
IMPORTANT NOTE - PERFORMANCE OF MOTOR IS BASED ON HAVING 115 VOLTS AT MOTOR TERMINALS. VOLTAGES LESS THAN 115 VOLTS WILL AFFECT HOISTING CAPACITY AND RESULT IN DAMAGE TO MOTOR THUS VOIDING WARRANTY. ***SUBSTITUTION*** OF THIS KEY SWITCH WILL VOID ALL WARRANTIES AND WILL RENDER THE OPERATION OF HEIGHT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

⚠ 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.

⚠ NOTE

ELECTRICAL CONTRACTOR TO PROVIDE FIELD WIRING AS REQUIRED TO MEET ALL LOCAL ELECTRICAL CODES.



** MINIMUM WIRE SIZE

90' MAXIMUM RUN	– 12 GA.
90' to 140' RUN	– 10 GA.
OVER 140' RUN	– 8 GA.

ELECTRICIAN NOTE – IF HEIGHT ADJUSTER OPERATION DOES NOT CORRESPOND TO UP and DOWN LABEL ON KEY SWITCH, REVERSE BLACK AND RED WIRES.

INDIVIDUAL KEY SWITCH MOUNTED IN A STANDARD 4–1/2" SQUARE FLUSH MOUNTED STAINLESS STEEL COVER PLATE FOR MOUNTING IN A 4" SQUARE x 3–1/2" DEEP MASONRY BOX (THEPITT No. 691 OR EQUAL) BY ELECTRICAL CONTRACTOR. KEY SWITCHES MAY BE GANGED IN PAIRS IN ONE COVER PLATE – ONE FOR THE BACKSTOP, ONE FOR THE HEIGHT ADJUSTER. SEE TABLE BELOW FOR WALL BOX SIZE REQUIREMENTS – DIMENSION "A".

KEY SWITCH QTY.	"A" BOX WIDTH	THEPITT BOX No. (OR EQUAL)
1	3¾"	691
2	7⅜"	693

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

REVISION	DATE	porter No.
A .		
B		CUSTOMER No.
C		
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