

WIRE SIZES & COLOR CODE

COLOR CODE

DC            +RED    -BLUE  
24VAC        YELLOW, COMMON WHITE

POWER WIRING 115VAC AND ABOVE

L1            BLACK  
L2            VIOLET (240VAC WILD LEG ORANGE)  
L3            BROWN  
NEUTRAL    GREY  
GROUND, ALL VOLTAGES, GREEN

\*UTILIZE ORANGE POWER WIRE ON  
120V/240V DELTA SYSTEMS

WIRE SIZE

CONTROL WIRE        14AWG MINIMUM

POWER WIRE

TO AND FROM STARTERS

STARTER SIZE	1	2	3	4
WIRE SIZE (AWG)	10	8	3	1

FROM MAIN CIRCUIT BREAKER

40 AMPS	#8 AWG
25-30	#10
15-20	#14
10	#14
5	#14

FIELD WIRE SIZE	TERMINAL
24 - 19 AWG	BUCHANAN #0241
18 - 6 AWG	BUCHANAN #0243
4 - 1 AWG	BUCHANAN #824
#1/0 - UP	BUCHANAN #417