





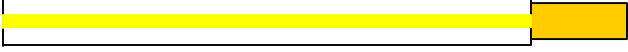










NEC Wire Color Codes

	Black – AC Supply Voltage Line
	Red – AC Control Line
	White – AC Control Neutral
	Blue – 24VDC Positive
	White / Blue stripe – 24VDC Negative
	Yellow – AC Line Control - remains live when disconnect is off
	White / Yellow stripe– AC Neutral Control - remains live when disconnect is off
	Orange – Line Foreign Voltage
	White / Orange stripe – Neutral Foreign Voltage
	Brown – Signal Positive, Pwr source Line
	White / Brown stripe – Signal Negative, Power Source Neutral
	Violet – Signal Positive, Power source Line
	White / Violet stripe – Signal Negative, Power Source Neutral
	Green - Ground
	Green / Yellow stripe - Ground

Guage	Ampacity 90C Wire	Ampacity 250C Wire @ ambient	Ampacity 450C Wire @ ambient
18	14	20	23
16	18	26	30
14	25	39	45
12	30	54	56
10	40	73	75
8	55	93	104
6	75	--	--
4	95	--	--
2	130	--	--












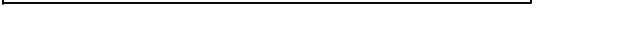
480V 3-phase color code

	Brown - Phase A
	Yellow - Phase B
	Orange - Phase C
	Green - Earth

240/208V 3-phase color code

	Black - Phase A
	Blue - Phase B
	Red - Phase C
	White - Neutral
	Green - Earth

IEC Wire Color Codes

-  Brown – AC Single Phase Line Supply Power
-  Light Blue – AC Single Phase Neutral Supply Power
-  Brown – AC Line 1 Supply Power
-  Black – AC Line 2 Supply Power
-  Grey – AC Line 3 Supply Power
-  Green / Yellow stripe - Ground
-  Blue – DC Positive Control
-  White / Blue stripe – DC Negative Control
-  Red – AC Line Control – Voltage lower than Supply
-  White / Red stripe – AC Neutral Control – Voltage lower than Supply
-  Yellow – AC Line Control - remains live when disconnect is off
-  White / Yellow stripe– AC Neutral Control - remains live when disconnect is off
-  Violet – Signal Positive, Power source Line
-  White / Violet stripe – Signal Negative, Power Source Neutral
-  Orange – Line Foreign Voltage
-  White / Orange stripe – Neutral Foreign Voltage

Guage	Ampacity 90C Wire	Ampacity 250C Wire @ ambient	Ampacity 450C Wire @ ambient
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10	40	73	75
8	55	93	104
6	75	--	--
4	95	--	--
2	130	--	--

Supply Voltage 3-phase color code

-  Brown - Phase A
-  Black - Phase B
-  Grey - Phase C
-  Green /Yellow - Earth