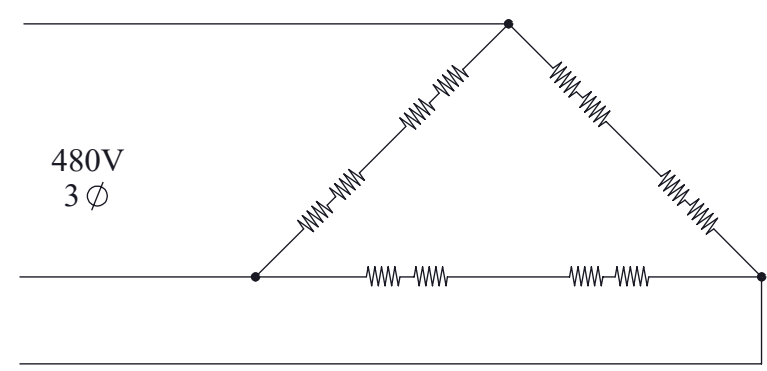


SPECIFICATIONS:

Electric Furnace Heating Element, Wound Wire, 3.75 KW. The furnace voltage is 480 volts-3-phase, The heating elements shall be DELTA connected with FOUR ELEMENTS IN SERIES PER EACH PHASE. The element shall consist of a round, wound coil 1.5-inch inner diameter. Lead ends to be in plane with the coil center as shown. Ends are terminated with a heavy duty electrical connection lug with a mounting hole for a 3/8" brass stud. The length of the element COIL when pulled apart (STRETCHED) for installation shall be 46.5-inches. The furnace operational temperature shall be approximately 1450 DEGREES F. Quantity 20.

MATERIAL: 9 GA KANTHAL D- (IRON 75 %, CHROME 20%, ALUMINUM 5%)



ELEMENT WIRING DIAGRAM

PROPRIETARY AND CONFIDENTIAL
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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ± 1/32 ANGULAR: ± 1/2° TWO PLACE DECIMAL ±.01 THREE PLACE DECIMAL ±.005		SCHOTT Gemtron Sweetwater, Tennessee 37874	
MATERIAL		TITLE: HEATER ELEMENT	
FINISH	SIZE B	DWG. NO. 10757	REV 0
DRAWN: DH	DATE: 24 FEB 2021	SCALE: 1:8	SHEET 1 OF 1