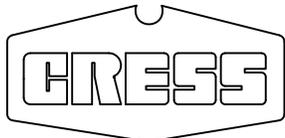


C-122012D/SD-HLCUL

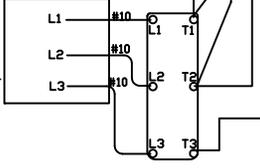
480-VAC, 3-PHASE, 21-AMPS

UPPER CHAMBER



C122012D-SD-HLCUL-480-3ph.dwg
6/07

INCOMING
480 VOLT
THREE PHASE
POWER
FROM DISCONNECT
SWITCH



SQUARE D
CLASS 2510
TYPE K01 SERIES A
MOTOR STARTING SWITCH

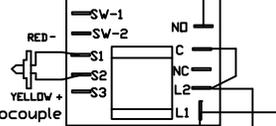
WIRE IS #14 GAGE SF2 UNLESS OTHERWISE SPECIFIED.
T.C. = TYPE 'K' THERMOCOUPLE
G = GROUND

DOOR LIMIT SWITCH

USE NORMALLY OPEN CONTACTS

POTTER & BRUMFIELD
PRD7AGD
120 VAC
RELAY

LV MODEL HIGH LIMIT CONTROL



CRYDOM
ESR4840
OUT



BACK OF FURNACE
ELEMENT CONNECTIONS



480 VOLT IN

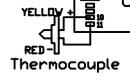


TRANSFORMER
ESSD9070T750D1

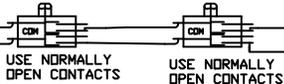
115 VOLTS
OUTPUT

30 AMP
TOGGLE
SWITCH

WATLOW
MODEL
SD
CONTROL

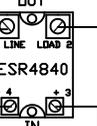


DOOR LIMIT SWITCH DOOR LIMIT SWITCH

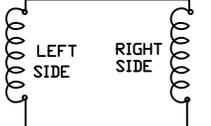


LOWER CHAMBER

CRYDOM
ESR4840
OUT

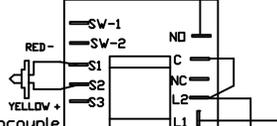


BACK OF FURNACE
ELEMENT CONNECTIONS

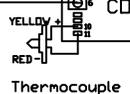


POTTER & BRUMFIELD
PRD7AGD
120 VAC
RELAY

LV MODEL HIGH LIMIT CONTROL



WATLOW
MODEL
SD
CONTROL



FAN
Motor
#ESGE4680

PILOT LIGHT

30 AMP
TOGGLE
SWITCH

PILOT LIGHT

30 AMP
TOGGLE
SWITCH