



Form Number: 160.81-M1 (LS02)

1206

Supersedes: None

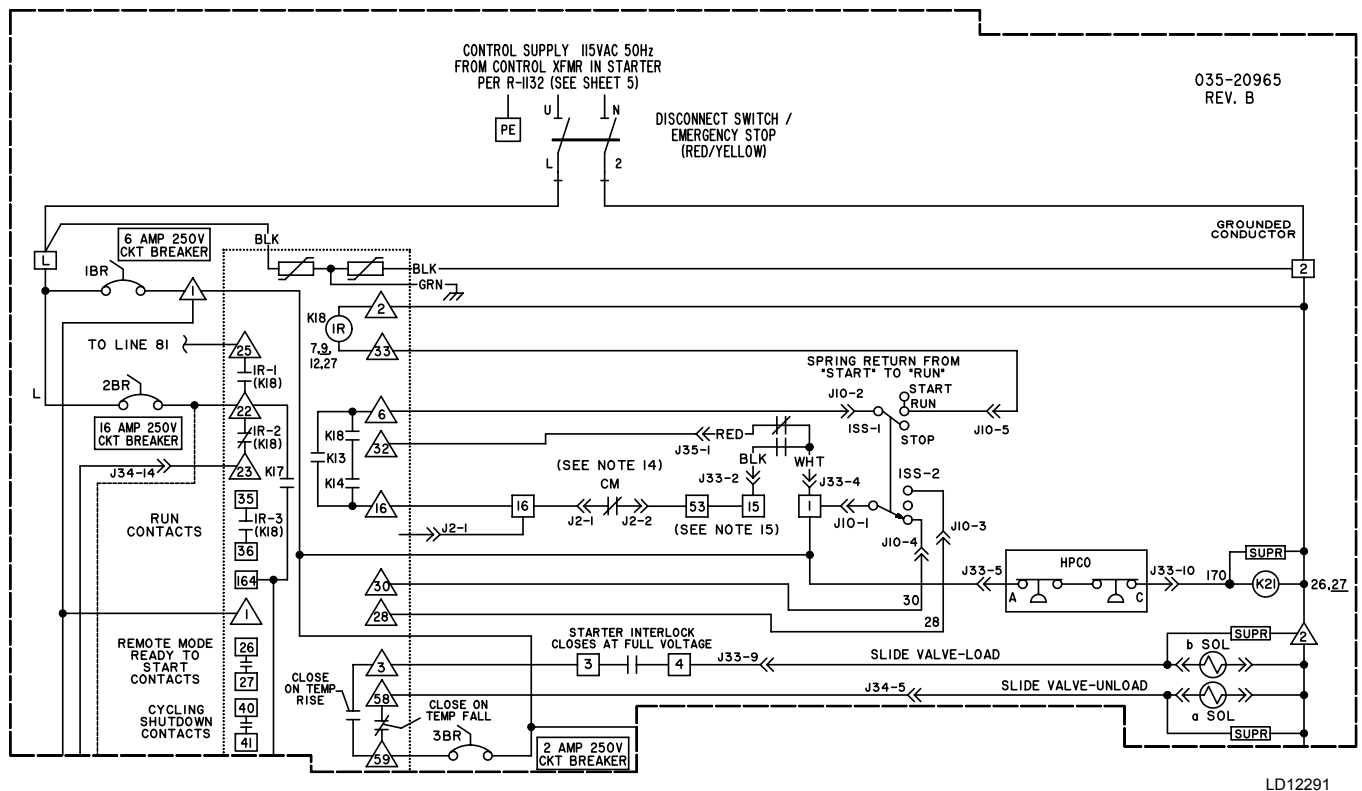
LITERATURE SUPPLEMENT

File with: 160.81-M1 (106)

Subject: YR Chillers CE Optiview Control Center – High Pressure Cutout

Beginning December 2006, new YR Chillers with CE Optiview Control Centers 371-04177-101/102 will be equipped with a dual High Pressure safety cutout (HPCO). This device requires the addition of a new relay, part number 024-30982-000. It is designated K21, as shown on wiring diagrams 160.81-PW8 (906) EM Starters) and 160.81-PW9 (906) (Solid State Starters).

Reference figure below. The HPCO contains dual series contacts. These contacts are in series with 115vac and the coil of K21, which is connected to neutral. The N.O. contacts of K21 are connected between TB6-1 and TB6-15. The N.C. contacts are connected between TB6-1 and TB3-32. Whenever power is applied to the Optiview Control Center and the HPCO contacts are closed, K21 is energized causing the TB6-1/TB6-15 circuit to be closed and the TB6-1/TB3-32 circuit to be open. If either of the HPCO contacts open, K21 de-energizes causing TB6-1/TB6-15 circuit to open (breaking the run signal to the motor starter) and TB6-1/TB3-32 circuit to close (signaling the microboard there is a HP fault).



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