

HELM Instrument Co., Inc.

Dwg. No.

Date: 07/19/2011

WIRING ILLUSTRATION

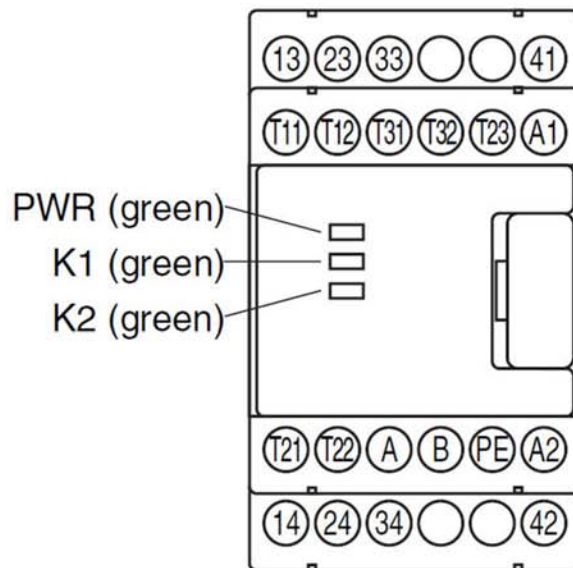
RPH-4 SAFETY RELAY CONNECTION

Designed by: JJL

Dwg. by: JJL

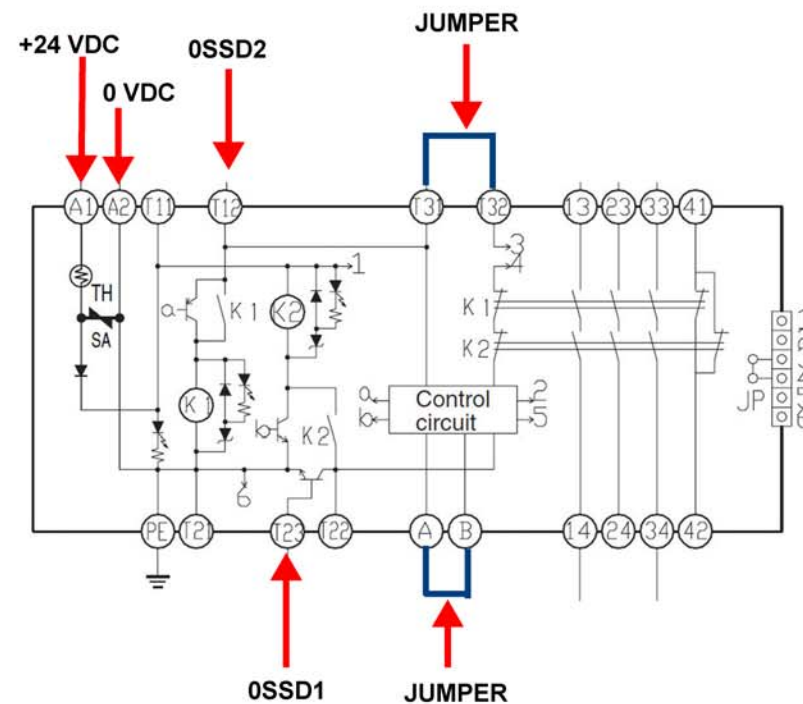
Approved by: HKH

G9SA-301



A1: +24 VDC
A2: 0 VDC
T23: OSSD1
T12: OSSD2

JUMPER:
T31 TO T32
A TO B



EMITTER (gray cable)

BROWN (+V) GREEN (not used)
YELLOW (+V) WHITE (not used)
RED (not used) SHIELD (-V)
BLUE (-V)
PINK ————— jumper to —————
GRAY ————— jumper to —————

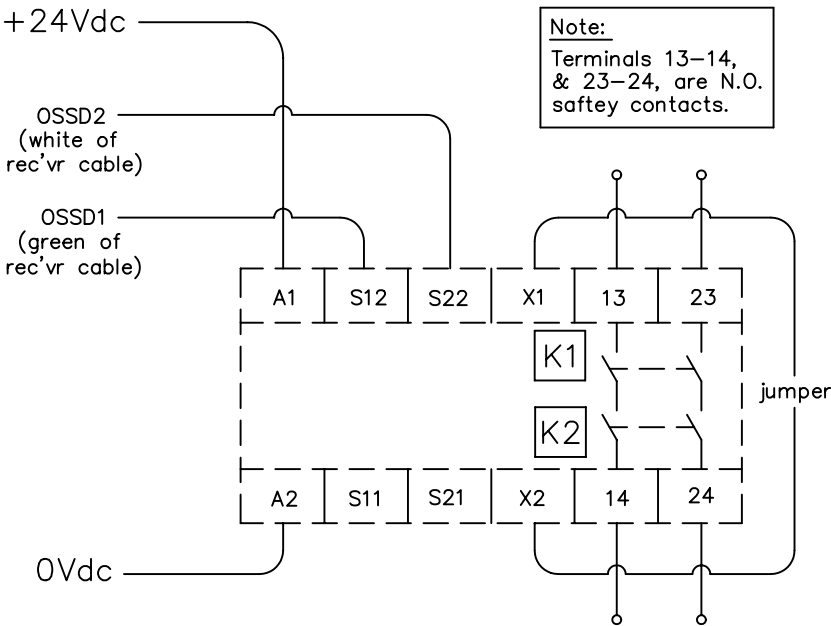
RECEIVER (black cable)

BROWN (+V) GREEN to T12 on relay
YELLOW — twist WHITE to T23 on relay
RED — together SHIELD (-V)
BLUE (-V)
PINK —————
GRAY —————

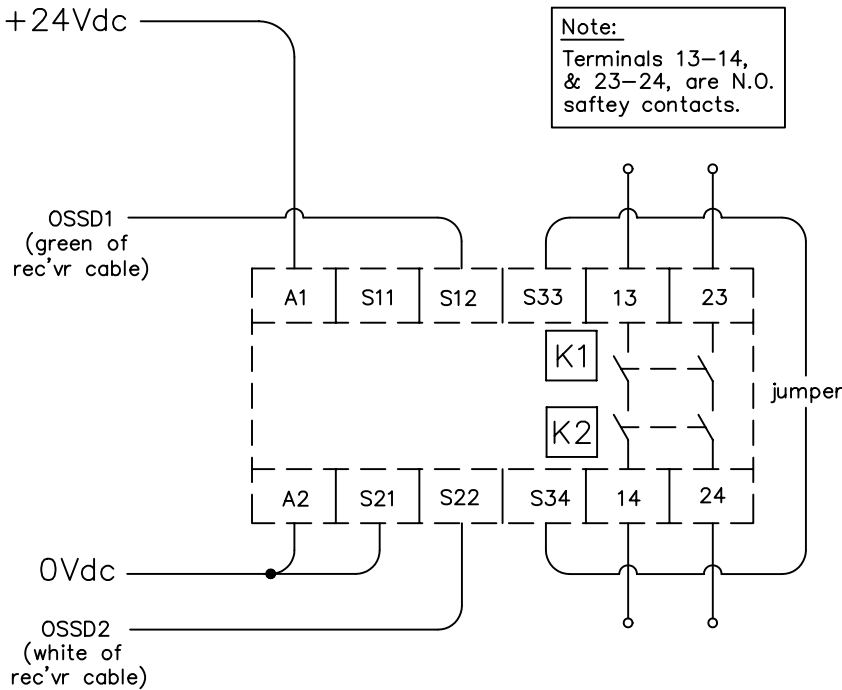
WIRING ILLUSTRATION
RPH-4 SAFETY RELAY CONNECTION

Designed by: J JL
Dwg. by: MHL
Approved by: HKH

**SCHMERSAL
SRB 301LC-24V**



**ALLEN BRADLEY MSR126T
Cat. No. 440R - N23117**



EMITTER (gray cable)

BROWN (+V) GREEN (not used)
YELLOW (+V) WHITE (not used)
RED (not used) SHIELD (-V)
BLUE (-V)
PINK _____ jumper to _____
GRAY _____ jumper to _____

RECEIVER (black cable)

BROWN (+V) GREEN to S12 on relay
YELLOW } twist WHITE to S22 on relay
RED } together SHIELD (-V)
BLUE (-V)
PINK _____
GRAY _____