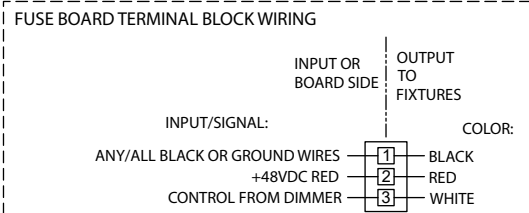


NOTES:

1. MUST BE GROUNDED OR BONDED PER NATIONAL ELECTRIC CODE AND ALL LOCAL ELECTRIC CODES.
2. DO NOT CONNECT MORE THAN THREE 2X4 GPIs PER FUSED CIRCUIT.
3. A GPI CIRCUIT CAN BE CONNECTED TO ANY FUSED TERMINAL BLOCK IN JUNCTION BOX,
4. INSTALL SAFETY CAP (P/N 19045-3180) SUPPLIED WITH FUSE BOX ON GPI CONNECTOR AT END OF GPI CIRCUIT (REF. NOTE 2).
5. EITHER INTERNAL JUNCTION FUSE BOX GROUND RETURN OR EXTERNAL SYSTEM GROUND RETURN FOR NOISE SUPPRESSION.
6. MUST BE USED WITH RIGID SIGN FACE GRAPHIC PANELS (QTY=2) MIN NOM. 23.75" X 47.75"

EQUIPMENT ROOM

MRI SHIELD ROOM



SAFETY CAPS
SEE NOTE 4

(QTY. 2)
GRAPHIC
PANELS

GPI ILLUMINATORS
(QTY. 2) GS4424-SXA

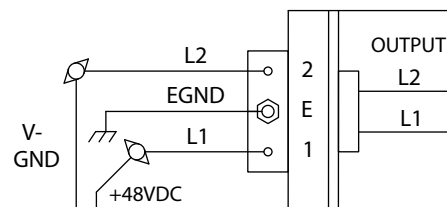
GPI-21, #12 AWG, 300V,
CLASS 2 CABLE
WITH CONNECTOR.
UL LISTED CL3P CABLE

EMI SEAL GASKET

EMI FILTER
NIPPLE AND
LOCKNUTS

GPI CONNECTORS

FACILITY FILTER



POWER SUPPLY UNIT
MedLux®
Model: ELT600-48
12" x 14" x 6"
INPUT: 120VAC, 1.8A.
OUTPUT: 48VDC, 2.7A.

120 VOLT
INPUT POWER
CONDUIT

WIRE NUT

N/C = NO CONNECTION

FUSE

DIMMER
CIRCUIT

CURRENT LIMITER JUNCTION BOX
FUSE TYPE TE5, 1.6A, "TIME LAG"

PART# EW1000024
18AWG PLTC CABLE
4 CONDUCTOR
2-TWISTED PAIR
RED/BLACK=R1/B1
RED/BLACK=R2/B2

DIMMER WIRING
V+ IN=R2
N/C
DIM B/GND=B1/B2
DIM A=R1



R2 V+
N/C
DIM B/GND
DIM A

PAIR#1

PAIR #2



MEDLUX®

MRI COMPATIBLE LED GRAPHIC PANEL ILLUMINATOR
SCAN/SHIELD ROOM DIMMING MODULE
GC4SF2402SRW-101 SYSTEM DIAGRAM
OCT 2023

NOT TO SCALE - DO NOT SCALE