



INS-7573212121
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POWER DISTRIBUTION FUSE PANEL-GMT/KLM INSTALLATION INSTRUCTIONS FOR #7573212121/7573214421/7573217421 ETC

GENERAL

THE POWER DISTRIBUTION FUSE PANELS PROVIDE PROTECTION FOR A VARIETY OF TELECOMMUNICATION EQUIPMENT. THE GMT FUSE HOLDER ACCEPTS A COMPLETE RANGE OF FUSES BETWEEN .18 TO 15 AMPS PER POSITION. THE KLM FUSE HOLDER ACCEPTS A COMPLETE RANGE OF FUSES FROM .10 TO 30 AMPS.
TOTAL CURRENT INPUT: 100 AMPS MAX, GMT/KLM TOGETHER PER SIDE, 200 AMPS TOTAL, SIDE A&B
GMT SIDE OUTPUT CAPACITY IS 60 AMP MAX FOR CONTINUOUS OPERATION
HOW TO CALCULATE TOTAL INPUT: IF GMT SIDE : IF I=INPUT=100 A; G=GMT OUTPUT; K=KLM OUTPUT
THAN $G + I - K < 60A$ ("G" NEVER EXCEED 60 A TOTAL)

INSTALLATION

- 1-PRIOR TO MOUNTING THE FUSE PANEL IN THE RACK, CAREFULLY READ THE MARKETING DRAWINGS #7573212121, 7573214421/7573217421, TO BECOME FAMILIAR WITH ALL THE FEATURES OF THE FUSE PANEL.
- 2-INSTALL THE 19" OR 23" MOUNTING BRACKETS IN THE PROPER POSITION: FLUSH, 4" OR 5" AS NEEDED.
(USE #6-32 FLAT HEAD SCREWS PROVIDED)
- 3-MOUNT THE FUSE PANEL IN THE RACK USING #12-24 X 1/2" SLOTTED ROUND HEAD SCREWS, PROVIDED
- 4-INPUT:USE #6 TO #0 AWG COPPER WIRES TO FEED INTO -48 VDC AND RETURN POWER CONNECTORS.
SECURE THE WIRES TO THE INPUT CONNECTORS USING 50 TO 70 In-Lbs OF TORQUE
- 5-OUTPUT:
5.1-GMT REAR CONNECTORS USE 26-14 AWG WIRE. RECOMMENDED TORQUE-8 in-lbs
5.2-TPA REAR CONNECTORS USE 22-6 AWG WIRE. RECOMMENDED TORQUE- 14 TO 16 in-lbs
- 6-REMOTE ALARM: WIRE WRAP PINS USE #24 AWG WIRE TO CONNECT ANY AUDIO OR VIDEO ALARM INDICATOR.
CURRENT SWITCHING 2 AMPS MAX PER SIDE
- 7-INSTALL PROPER SIZE FUSES IN THE FRONT FUSE HOLDERS. DO NOT EXCEED 60 AMPS PER SIDE ON GMT

WARNING

DO NOT EXCEED THE MAXIMUM FUSE PANEL CAPACITY RATING. IT IS RECOMMENDED NOT TO INSTALL TWO LARGE AMPERAGE FUSES SIDE BY SIDE

- 8-RECORD THE FUSE POSITION ASSIGNMENTS ON THE DESIGNATION CARD PROVIDED
- 9-FOR ANY FUSE FAILURE THE RED LED ALARM WILL GO ON. REPLACE THE BAD FUSE WITH A NEW ONE OF THE SAME SIZE TO RESTORE THE NORMAL STATE (GREEN) OF THE LED.

MAINTENANCE

TRIMM INC'S FUSE PANELS DO NOT REQUIRE SPECIAL MAINTENANCE

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