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POWER DISTRIBUTION FUSE PANEL-GMT/TPA INSTALLATION INSTRUCTIONS FOR #7570210153

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 TPA FUSE HOLDER ACCEPTS A COMPLETE RANGE OF FUSES FROM 3 TO 50 AMPS.
TOTAL CURRENT INPUT: 200 AMPS MAX, GMT/TPA TOGETHER PER SIDE , 400 AMPS TOTAL , SIDE A&B
GMT SIDE CAPACITY IS 60 AMP MAX PER SIDE FOR CONTINUOUS OPERATION
HOW TO CALCULATE TOTAL INPUT: IF GMT SIDE NEED 4 X 7.5 A = 30 A CONTINUOUS, REMAINING FOR TPA IS 170A
IF GMT SIDE NEED 6 X 10A = 60 A CONTINUOUS, REMAINING FOR TPA IS 140A

INSTALLATION

- 1-PRIOR TO MOUNTING THE FUSE PANEL IN THE RACK, CAREFULLY READ THE MARKETING DRAWINGS #7570210153, 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 SCREWS PROVIDED)
- 3-MOUNT THE FUSE PANEL IN RACK USING #12-24 X 1/2" PHILIPS, PAN HEAD THREAD CUTTING SCREWS, PROVIDED.
- 4-INPUT:USE UP TO #4/0 AWG COPPER WIRES TO FEED INTO -48 VDC AND RETURN POWER CONNECTORS.
SECURE THE WIRES TO THE INPUT CONNECTORS USING MAX. 175 In-Lbs OF TORQUE
- 5-OUTPUT:
 - 5.1-GMT REAR CONNECTORS USE 26-14 AWG WIRE. RECOMMENDED TORQUE-4 in-lbs
 - 5.2-TPA REAR CONNECTORS USE 22-6 AWG WIRE. RECOMMENDED TORQUE- 14 TO 16 in-lbs
- 6-REMOTE ALARM: USE #22-24 AWG WIRE TO CONNECT ANY AUDIO OR VIDEO ALARM INDICATOR. 2 AMPS MAX
RECOMMENDED TORQUE- 4 in-lbs
- 7-INSTALL PROPER SIZE FUSES IN THE FRONT FUSE HOLDERS. DO NOT EXCEED 60 AMPS PER SIDE ON GMT
IT IS NOT RECOMMENDED, BY BUSSMAN, TO INSTALL 15 A GMT FUSES SIDE BY SIDE

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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