
 For Lancer JR. Type VT 230/460V - 7.5
 thru 20HP General Purpose Inverter.

INPUT FUSE SIZING FOR LANCER JR. TYPE VT INVERTERS

WARNING

FAILURE TO PROPERLY SIZE INPUT FUSES FU1 THRU FU3 CAN CAUSE
FUSE BLOWING AND DAMAGE TO THE DC BUS SOFT CHARGE RESISTOR.

GENERAL

The inverters' input fuses, FU1 thru FU3 are sized for a TYPICAL commercial power source KVA rating. However, if your installations' power source KVA rating is GREATER THAN ten times (10X) the inverter KVA rating (see nameplate), excessive in-rush currents can result and damage the inverter.

SPECIFIC

BEFORE APPLYING INPUT POWER, identify the KVA rating of your power source. If the rating CANNOT BE DETERMINED OR IF KNOWN, it EXCEEDS 10X the KVA rating of the inverter (see nameplate), REPLACE the fuses presently installed in the inverter with the higher ampere rated fuses provided. Verify the replacement fuses' rating using Table 1.

CHANGE RECORD									

DWG. NO. 02Y00025-0243
 SHEET 1 OF 2
 EFF. 12/4/86 (E)

Table 1. Replacement Fuse Listing

230V			460V		
H.P.	FUSE INSTALLED	REPLACEMENT FUSE	H.P.	FUSE INSTALLED	REPLACEMENT FUSE
7.5	FWX-60	FWX-100	7.5	FWH-40	FWH-80
10	FWX-60	FWX-100	10	FWH-40	FWH-80
15	FWX-80	FWX-150	15	FWH-60	FWH-100
20	FWX-100	FWX-200	20	FWH-80	FWH-150

Table 2. Part Number Cross Reference

BUSS PART NO.	LA PART NO.	BUSS PART NO.	LA PART NO.
FWX-60	NA	FWH-40	NA
FWX-80	5P17-285	FWH-60	5P17-288
FWX-100	5P17-270	FWH-80	5P17-293
FWX-150	5P17-271	FWH-100	5P17-260
FWX-200	5P17-272	FWH-150	NA

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