



GE Drive Systems

INSTRUCTIONS

**531X171TMAA_G2
4TB - TERMINAL BOARD
RELAY CARD**

Renewal Part

**IMPORTANT
INFORMATION**

CAUTION: To ensure proper operation of the motor drive controller, these instructions must be followed for proper set-up and installation of this replacement card.

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to General Electric Company.

WARNING - BURN AND SHOCK HAZARD: Always disconnect power to the drive before removing or inserting a printed circuit card. Failure to do so may cause serious injury to personnel and damage to the drive or driven machinery.

NOTE: Read all **WARNINGS**, **CAUTIONS** and **NOTES** in the pertinent instruction book (GEK) prior to installing or removing any card.

Product: DC-300, AC-300, AC-500

EXCEPTIONS

1. Terminal Board nomenclature changes only.

Instructions For: 4TB - TERMINAL BOARD
RELAY CARD
531X171TMAA_G2

This replacement card contains the same essential features and functions and is a direct replacement for the following cards except as noted.

<u>ORIGINAL CARD</u>	<u>REPLACEMENT CARD</u>
531X137TRGAAG1 thru 531X137TRGACG1	531X171TMAA_G2

<u>Term. No.</u>	<u>Original Card</u>	<u>Replacement Card</u>	<u>Function</u>
1	INC	Mode 5	Same as original, no wiring change
2	DEC	Mode 4	Same as original, no wiring change
3	SLOW	Mode 3	Same as original, no wiring change
4	RUN 2	Mode 2	Same as original, no wiring change
5	RUN 1	Mode 1	Same as original, no wiring change
6	AUTO	Mode 0	Same as original, no wiring change
7	NCTRP	Mode 6	Same as original, no wiring change
8	NOTRP	Mode 7	Same as original, no wiring change
9	24 REF	C10	Move wire from 4TB to 3TB if used on orig.
10	ACOM	C11	Move wire from 4TB to 3TB if used on orig.
11	ACOM	MAP1	Move wire from 4TB to 3TB if used on orig.
12	-15V	MAP2	Move wire from 4TB to 3TB if used on orig.
13	+15V	AN2	Move wire from 4TB to 3TB if used on orig.
24	ACOM	AN1	Move wire from 4TB to 3TB if used on orig.
29	+5V	/EBR	Move wire from 4TB to 3TB if used on orig.
30	+5V	EBR	Move wire from 4TB to 3TB if used on orig.
31	DCOM	/EBA	Move wire from 4TB to 3TB if used on orig.
32	DCOM	EBA	Move wire from 4TB to 3TB if used on orig.
85	N/A	MAP3	
86	N/A	EBB	
87	N/A	/EBB	



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