

**INSTRUCTIONS**

GEK-45334

INSERT GEI-93825

SYNCHRONISM CHECK RELAY

IJS99AA

TYPE IJS

INTRODUCTION

THESE INSTRUCTIONS PLUS THOSE CONTAINED IN GEI-93825 CONSTITUTE THE INSTRUCTIONS FOR THE IJS99AA RELAY

DESCRIPTION

RELAY IJS99AA IS SIMILAR TO MODEL IJS52E REFERRED TO IN GEI-93825 EXCEPT FOR THE ADDITION OF A TARGET AND SEAL-IN UNIT. SEE THE INTERNAL SHOWN IN FIGURE 1 OF THIS SUPPLEMENT. THERE IS AN INSULATED STANDOFF BETWEEN TERMINAL 2 AND 2A. AS SHOWN IN FIGURE 1 OF THIS SUPPLEMENT, ONLY THE TARGET FEATURE WILL OPERATE. TO OBTAIN THE SEAL-IN FEATURE THE WIRE ON 2A MUST BE MOVED TO TERMINAL 2.

TARGET SEAL-IN RATINGS

	0.6 AMP TAP	2.0 AMP TAP	0.2 AMP TAP
MINIMUM OPERATING	0.6 AMPS	2.0 AMPS	0.2 AMPS
CARRY CONTINUOUSLY	1.5 AMPS	3.5 AMPS	0.4 AMPS
CARRY 30 AMPS FOR	0.5 SEC.	4 SECS.	
CARRY 10 AMPS FOR	4 SECS.	30 SECS.	<u>0.1 SEC.</u>
DC RESISTANCE	0.6 OHMS	0.13 OHMS	7 OHMS
60 CYCLE IMPEDANCE	6 OHMS	0.53 OHMS	52 OHMS

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 the General Electric Company.

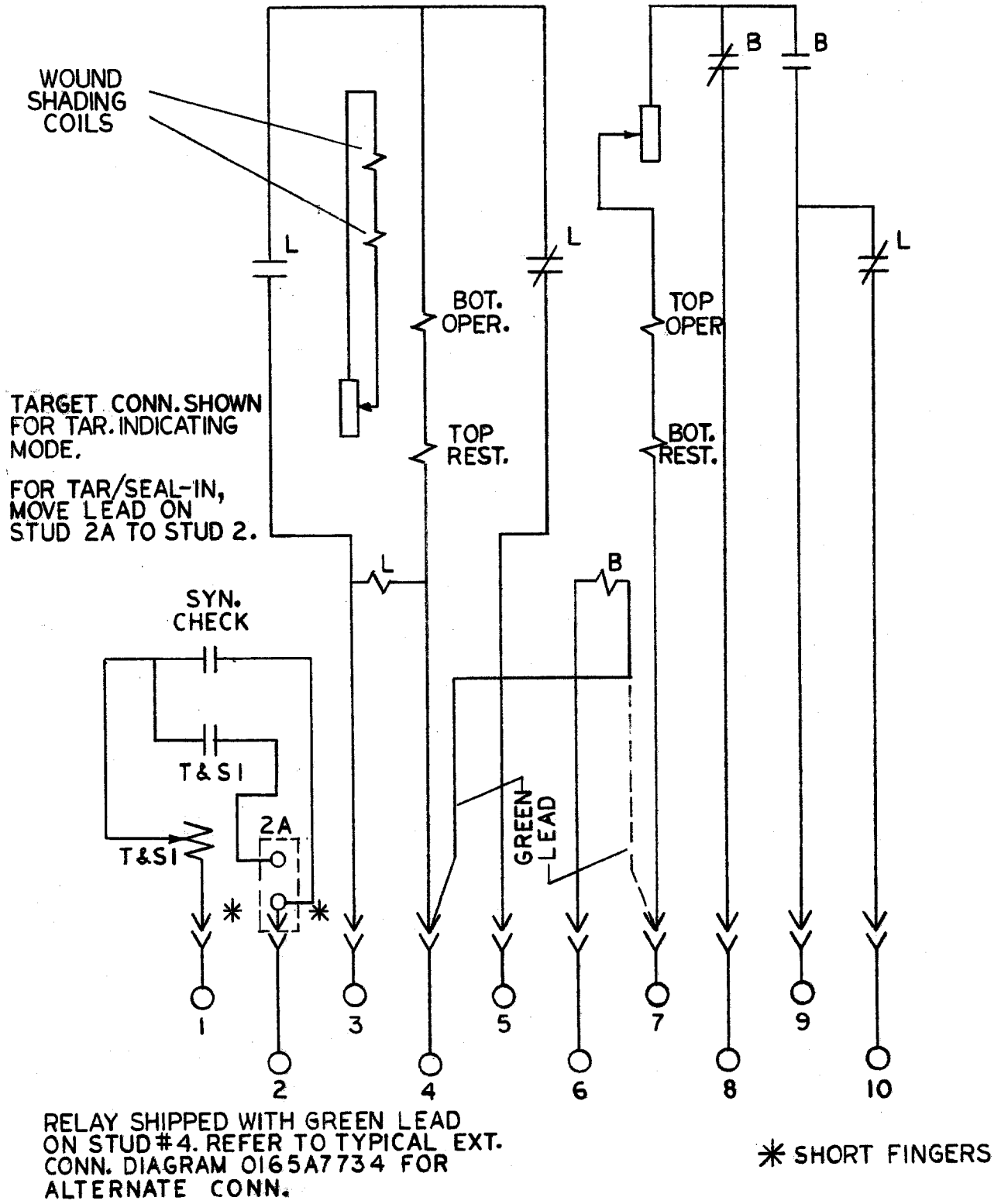


FIG. 1 (0257A5068) INTERNAL CONNECTIONS FOR RELAY IJS99AA (FRONT VIEW)