



SQUARE D

Instruction Bulletin

Bulletin No. 30072-004-14B

March, 1992

Supersedes 30072-004-14A dated 6/73

Control Circuit Transformer Kit Class 9070 Type GFT

INTRODUCTION

This bulletin contains installation and wiring instructions for the Class 9070 Type GFT Control Circuit Transformer Kit. This kit is designed for use with Square D Class 8502 NEMA Size 3 Contactors and Class 8536 NEMA Size 3 Starters.

CONTENTS OF KIT

The Control Circuit Transformer Kit includes the transformer and fuse block mounted onto a baseplate, and a hardware and wire kit for installing the unit onto a starter or contactor. The user must supply two 1-1/2" x 13/32" fuses (Bussmann KTK or equivalent). See Table 1 for maximum fuse size for each primary voltage:

Table 1 Maximum Fuse Sizes for Primary Voltages

	600 V	480 V	240 V	208 V
Non-Time Delay Fuses	1.0 A	1.5 A	3.0 A	3.0 A
Time Delay Fuses	.75 A	.75 A	1.6 A	1.6 A

MOUNTING THE KIT



DANGER

HAZARDOUS VOLTAGE.

Disconnect all power before working on equipment.

Electrical shock will cause severe injury or death.

Mounting onto Contactor

To mount the transformer unit onto a contactor (refer to Figure 1):

1. Slide transformer unit baseplate under contactor baseplate.
2. Attach transformer unit baseplate to contactor baseplate with two 10-24 x 3/8" screws at location A from the rear.
3. Wire per diagram in Figure 2 on page 2 of this bulletin.
4. When mounting contactor in enclosure or onto panel, attach transformer unit baseplate to enclosure or panel with a 5/16"-18 x 1/2" screw at location C.

Mounting onto Starter

To mount the transformer unit onto a starter (refer to Figure 1):

1. Slide transformer unit baseplate under starter baseplate.
2. Attach transformer unit baseplate under starter baseplate with two 10-24 x 3/8" screws at location A from rear and one 10-24 x 3/8" screw at location B from the front.
3. Wire per diagram in Figure 3 on page 2 of this bulletin.
4. When mounting starter in enclosure or onto panel, attach transformer unit baseplate to enclosure or panel with a 5/16"-18 x 1/2" screw at location C.

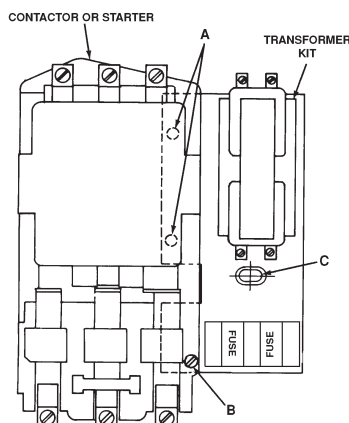


Figure 1 Mounting onto Contactor or Starter

WIRING

This section contains diagrams for wiring the transformer unit to contactors and starters. Wire the transformer to contactor or starter before mounting in enclosure or onto panel.

Wiring Diagram for Contactor

When mounting the transformer unit onto contactor, wire per diagram in Figure 2.

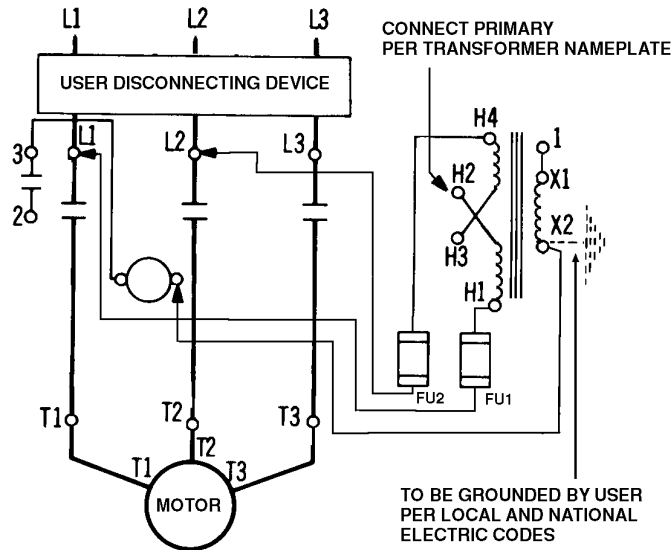


Figure 2 **Wiring Diagram for Contactor**

Wiring Diagram for Starter

When mounting the transformer unit onto starter, wire per diagram in Figure 3.

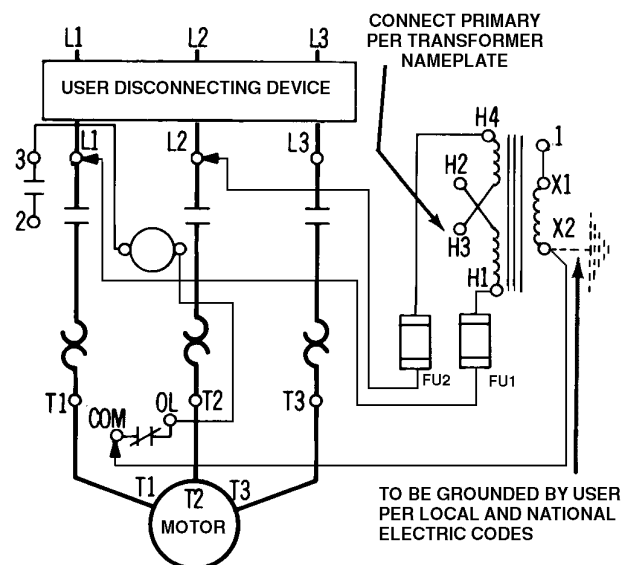


Figure 3 **Wiring Diagram for Starter**

PLEASE NOTE:

Electrical equipment should be serviced only by qualified electrical maintenance personnel, and this document should not be viewed as sufficient instruction for those who are not otherwise qualified to operate, service or maintain the equipment discussed. Although reasonable care has been taken to provide accurate and authoritative information in this document, no responsibility is assumed by Square D for any consequences arising out of the use of this material.