SIEMENS

Instructions

49-HMAFB1

December, 1999
Supersedes Issue of
March, 1984

Fuse Block
Panel Mounting 30 Amp. Maximum
Class 17, 18, 25, 26, 32, 36, & 37
Cat. No. 49MAFB1, 2, & 4

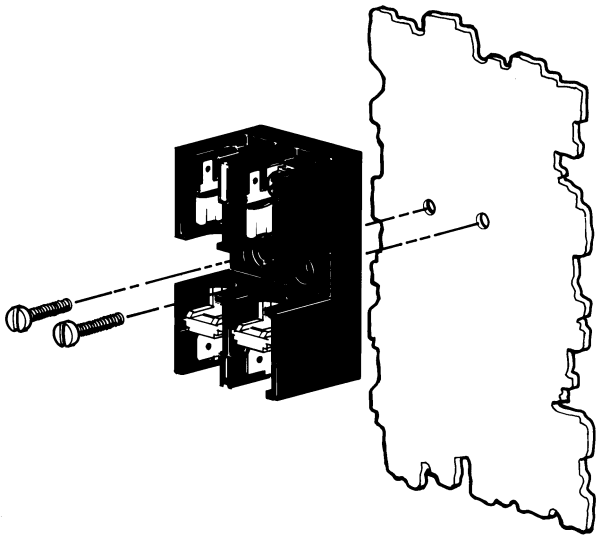


Figure 1

DESCRIPTION

The fuse block, catalog number 49MAFB4, shown in Figure 1 is used for the control fuses that provide overcurrent protection for the control transformer primary windings. This fuse block accommodates two rejection type fuses.

The fuse blocks, catalog numbers 49MAFB1 (for one fuse) and 49MAFB2 (for two fuses), are for control transformer secondary fuses. These fuse blocks accept $^{13}/_{32}$ diameter by $1^{1}/_{2}$ inch long fuses.

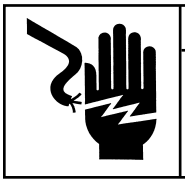
Figure 2 shows a typical motor starter circuit with control and secondary fuses. The fuses are not furnished with the fuse blocks.

Use with combination starters of all sizes in all NEMA type enclosures.

Rating: 30 amp. 600 volt maximum.

Contents of kits, catalog numbers 49MAFB1, 49MAFB2, and 49MAFB4:

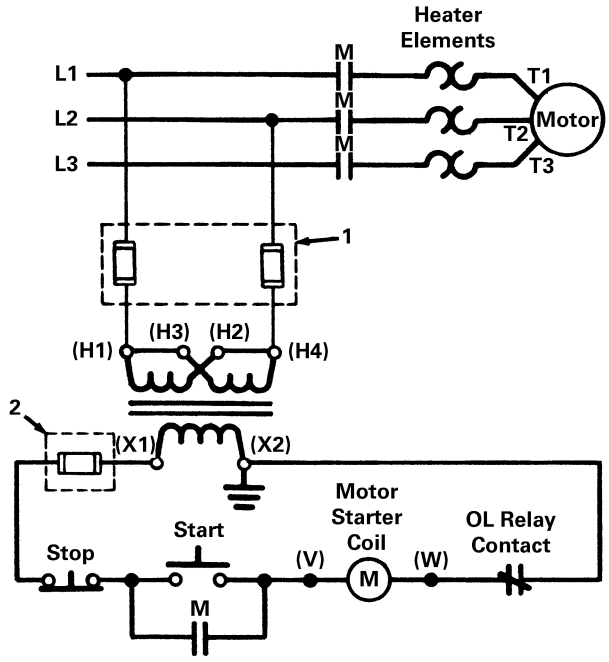
Each kit contains the applicable fuse block plus two size 8-32 machine screws.



⚠WARNING

Hazardous voltage.
Can cause death, serious personal injury, or property damage.

Disconnect power before working on this equipment.



1 Fuse Block 49MAFB4 (Control fuses not included)
2 Fuse Block 49MAFB1 (Secondary fuse not included)

Figure 2

INSTALLATION

The enclosure panel contains predrilled and tapped holes for mounting several control accessories. Each fuse block requires two size 8-32UNF-2A tapped holes. The horizontal distance between holes is $^{3}/_{8}$ inch for a block that accommodates one fuse, $^{3}/_{4}$ inch for a block that holds two fuses. Locate the holes on the enclosure panel or choose a suitable location and drill and tap mounting holes.

1. Secure the fuse block to the panel with the two screws provided. Position the rejection type fuse block with the red clips at the bottom for proper fuse orientation.
2. When making connections to the fuse terminals, tighten terminals screws to 18 inch pounds minimum torque.
3. Select the proper fuse size in accordance with current National Electrical Code requirements.

(For Engineering Reference Only - Rev. C)