

BUDGIT®

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INSTRUCTIONS FOR INSTALLING ELECTRICAL ADAPTOR KITS ON BUDGIT® COIL CHAIN ELECTRIC HOISTS

Catalog Numbers 901821 and 901823 Electrical Adaptor Kits For Converting Pushbutton Hoists to Motor Driven Trolley Hoists

GENERAL

BUDGIT Electrical Adaptor Kits are designed for converting existing push button control BUDGIT electric hoists (1/4 thru 5 tons) for use with BUDGIT Motor Driven Trolleys. The kit contains a 7 or 9 conductor cable assembly (depending on the power supply) which replaces the existing hoist power supply cable and push button control assembly. This cable assembly then connects into the control panel on the trolley and the hoist is then operated thru a station suspended from the trolley.

There are two electrical adaptor kits available: Catalog Number 901821 is for 1 phase, 60 hertz hoists; and Catalog Number 901823 is for 3 phase, 60 hertz hoists.

WARNING

Three phase hoists must be properly phased each time they are installed or moved to a new power source. Unless this is done, serious damage to the hoist can occur with resulting hazard to the operator and damage to the load. See instructions in the hoist manual.

INSTRUCTIONS

1. With hoist disconnected from power supply, remove hoist electrical compartment cover.
2. Disconnect power supply cable leads from contactor. Remove power cable assembly from hoist and insert new plug type grommet (from kit) into power cable slot.
3. Disconnect push button control cable leads from limit switch and transformer fuse (fast speed contactor on 2-speed units). Then remove strain cable anchor screw and pull push button control and cable assembly from hoist.

4. Install flexible cable assembly from kit (grommet end; into push button cable slot and attach ground lead (green) to strain cable anchor boss using screw and washer with kit.
5. Connect remaining leads to limit switch and transformer fuse (fast speed contactor on 2-speed units) in accordance with appropriate wiring diagram. Cut off wire number 2 wire on 1-speed units.
6. Be certain that both hoist and trolley motors are made and connected for the same voltage as the power supply.
7. Carefully check connections against the proper wiring diagram and reinstall the electrical compartment cover. Be careful wires are not pinched by cover.
8. Hoist is now ready for attachment of motor driven trolley. Refer to instructions furnished with the trolley.

WARNING

The green wire provided in the power supply cable is a grounding wire and must be connected to a proper ground. Follow local code requirements and the National Electric Code.

FOR WIRING DIAGRAMS
SEE PART NO. 113535-13

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