Control Module Kits

The control module kits are designed for use with Class LC lighting contactors only. Control module kits enable conversion of an electrically held contactor to a mechanically held contactor. These kits are available in either 2-wire or 3-wire control versions in a variety of voltages. The component parts of a 2-wire control module kit are shown. A 3-wire kit includes an additional single-pole auxiliary contact block.

Note:
The control module kits are for use with coils up to 277VAC maximum. Use a control power transformer for higher voltages.

Latch and electronic module must be used together to ensure proper operation. Failure to do so will void warranty.

Installing the Control Module

Step 1:
Mount the control module on the contactor.

Step 2 (For 3-wire control):
Two auxiliary contact blocks are assembled to the lighting contactor; one on the right (N.C.) and one on the left (N.O.). Refer to Table A on page 3 for connection diagram.

Step 2 (For 2-wire control):
One auxiliary contact block is assembled to the right side of the lighting contactor base for normally closed (N.C.). Two wires coming from the control module are connected across the auxiliary contact block. Refer to Table A on page 3 for connection diagram.

IMPORTANT
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 DEFERRED TO THE LOCAL SIEMENS SALES OFFICE. THE CONTENTS OF THIS INSTRUCTION MANUAL SHALL NOT BECOME PART OF OR MODIFY ANY PRIOR OR EXISTING AGREEMENT, COMMITMENT OR RELATIONSHIP. THE SALES CONTRACT CONTAINS THE ENTIRE OBLIGATION OF SIEMENS. THE WARRANTY CONTAINED IN THE CONTRACT BETWEEN PARTIES IS THE SOLE WARRANTY OF SIEMENS. ANY STATEMENTS CONTAINED HEREIN DO NOT CREATE NEW WARRANTIES OR MODIFY THE EXISTING WARRANTY.

WARNING
Hazardous voltage
Can cause death or serious injury.
Disconnect main power and control voltages before installation or maintenance on the equipment.
Installing the Control Module (continued from page 1)

Step 3:
Mount the latch and be sure latch is firmly in place with the wire facing out and the slot positioned with tab inserted.

Step 4:
Operate contactor manually, using manual operation tabs on side prior to installing cover to ensure correct installation.

Step 5:
Install latch cover.

<table>
<thead>
<tr>
<th>Kit Description</th>
<th>Catalog No.</th>
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<tbody>
<tr>
<td>2-wire, 24VAC</td>
<td>49LCCM1A</td>
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<tr>
<td>2-wire, 110-120VAC</td>
<td>49LCCM2A</td>
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<tr>
<td>2-wire, 200-277VAC</td>
<td>49LCCM3A</td>
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<tr>
<td>3-wire, 24VAC</td>
<td>49LCCM4A</td>
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<tr>
<td>3-wire, 110-120VAC</td>
<td>49LCCM5A</td>
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<tr>
<td>3-wire, 200-277VAC</td>
<td>49LCCM6A</td>
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</tbody>
</table>
Wiring Diagram (Mechanically Held Contactor)

Contacts in positions 1 through 4 can be used as either NO or NC.
Contacts in positions 5 and 6 can be used only as NO.
Main contacts are shown in open position.
Line and load terminals are reversible.

Notes:
1. Refer to the NEC or local electric code as required.
2. Additional over current protection for control circuit may be required.
3. When coil and line voltages are same, the control voltage may be derived from the line for supply.
4. Ground lug kit number 49D11960001 meets CSA standard 22.2 no. 14-1973 and is rated for 1 conductor 2-14 AWG AL/CU wire.