WIRING DIAGRAMS FOR BRIDGE CONTROL PANELS

Bridge W/D's

<table>
<thead>
<tr>
<th>Panel Part #</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nema-4/12</td>
<td></td>
</tr>
<tr>
<td>1-Speed</td>
<td>444231-**</td>
</tr>
<tr>
<td>1-Speed with Soft-Start</td>
<td>444711-**</td>
</tr>
<tr>
<td>2-Speed</td>
<td>444232-**</td>
</tr>
<tr>
<td>2-Speed with Soft-Start</td>
<td>444712-**</td>
</tr>
<tr>
<td>Nema-4/12</td>
<td></td>
</tr>
<tr>
<td>V.F.C. P3 thru 10 hp</td>
<td>448550-**</td>
</tr>
<tr>
<td>V.F.C. G+ thru 30 hp</td>
<td>445351-**</td>
</tr>
<tr>
<td>Nema-1</td>
<td></td>
</tr>
<tr>
<td>1-Speed</td>
<td>446003-**</td>
</tr>
<tr>
<td>2-Speed</td>
<td>446003-**</td>
</tr>
<tr>
<td>1-Phase</td>
<td>446003-**</td>
</tr>
</tbody>
</table>

Typical Interconnection M-1H-1T-1B P.B. from Trolley 11
Typical Interconnection M-1H-1T-1B P.B. from Bridge 12
Typical Interconnection M-2H-2T-2B P.B. from Trolley 13
Typical Interconnection M-2H-2T-2B P.B. from Bridge 14
1 Speed With Soft Start
ELEMENTARY DIAGRAM

WIRING DIAGRAM

SINGLE SPEED

WARNING
THIS EQUIPMENT MUST BE EFFECTIVELY GROUNDED ACCORDING TO APPLICABLE CODES.

AVERTISSEMENT
CEUX EQUIPEMENTS DOIVENT ETRE MIS A LA TERRE EN ACCORDANCE AVEC LES NORMES EN VIGUER.
**ELEMENTARY DIAGRAM**

**WIRING DIAGRAM**

**TWO SPEED**

**DEVICE DESIGNATION**

- DISC: POWER DISCONNECT SWITCH
- FU: MAIN POWER FUSES
- CPT: CONTROL CIRCUIT TRANSFORMER (BRIDGE & MAINLINE)
- COU: CONTROL CIRCUIT FUSE (BRIDGE & MAINLINE)
- BFU: BRIDGE MOTOR FUSES
- M: MAINLINE CONTACTOR
- F: FORWARD POWER CONTACTOR
- R: REVERSE POWER CONTACTOR
- TB: TERMINAL BOARD
- G: FRAME GROUND
- FC: FAST SPEED CONTACTOR

**WARNING**

THIS EQUIPMENT MUST BE EFFECTIVELY GROUNDED ACCORDING TO APPLICABLE CODES.

**AVERTISSEMENT**

CEZ EQUIPEMENT DOIT ETRE MIS A' LA TERRE EN ACCORDANCE AVEC LES NORMES EN VIGUEUR.
Elementary Diagram Bridge-Mainline
Single Phase

NOTICE: MOTORS CANNOT BE PARALLELED WITH MOTORS RUNNING IN OPPOSITE DIRECTION.
Interconnection Diagram
1 Speed Hoist, 1 Speed Trolley, 1 Speed Bridge
Pushbutton from Trolley
Interconnection Diagram
1 Speed Hoist, 1 Speed Trolley, 1 Speed Bridge
Pushbutton from Bridge
Interconnection Diagram
2 Speed Hoist, 2 Speed Trolley, 2 Speed Bridge
Pushbutton from Trolley
Interconnection Diagram

2 Speed Hoist, 2 Speed Trolley, 2 Speed Bridge

Pushbutton from Bridge
For the location of your nearest repair station

Yale•Lift-Tech
P.O. Box 769
Muskegon, MI 49443-0769
Phone: 800 742-9269
Fax: 800 742-9270

WARRANTY

WARRANTY AND LIMITATION OF REMEDY AND LIABILITY

A. Seller warrants that its products and parts, when shipped, and its work (including installation, construction and start-up), when performed, will meet applicable specifications, will be of good quality and will be free from defects in material and workmanship. All claims for defective products or parts under this warranty must be made in writing immediately upon discovery and, in any event, within one (1) year from shipment of the applicable item unless Seller specifically assumes installation, construction or start-up responsibility. All claims for defective products or parts when Seller specifically assumes installation, construction or start-up responsibility, and all claims for defective work must be made in writing immediately upon discovery and, in any event, within one (1) year from completion of the applicable work by Seller, provided, however, all claims for defective products and parts made in writing no later than eighteen (18) months after shipment. Defective items must be held for Seller’s inspection and returned to the original f.o.b. point upon request. THE FOREGOING IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES WHATSOEVER, EXPRESS, IMPLIED AND STATUTORY, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS.

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C. This warranty is contingent upon Buyer’s proper maintenance and care of Seller’s products, and does not extend to normal wear and tear. Seller reserves the right to void warranty in event of Buyer’s use of inappropriate materials in the course of repair or maintenance, or if Seller’s products have been dismantled prior to submission to Seller for warranty inspection.

D. The foregoing is Seller’s only obligation and Buyer’s exclusive remedy for breach of warranty, and is Buyer’s exclusive remedy hereunder by way of breach of contract, tort, strict liability or otherwise. In no event shall Buyer be entitled to or Seller liable for incidental or consequential damages. Any action for breach of this agreement must be commenced within one (1) year after the cause of action has accrued.