# Wiring Diagrams for Bridge Control Panels

## Bridge W/D's

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<th>Panel Part #</th>
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<tr>
<td>Nema-4/12 1-Speed</td>
<td>444231-**</td>
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<td>Nema-4/12 1-Speed with Soft-Start</td>
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<td>Nema-4/12 2-Speed with Soft-Start</td>
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<td>Nema-4/12 V.F.C. P3 thru 10 hp</td>
<td>448550-**</td>
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<td>445351-**</td>
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<td>Nema-1 1-Speed</td>
<td>446003-**</td>
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<tr>
<td>Nema-1 2-Speed</td>
<td>446003-**</td>
</tr>
<tr>
<td>Nema-1 1-Phase</td>
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</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

WARNING

THIS EQUIPMENT MUST BE EFFECTIVELY GROUNDED ACCORDING TO APPLICABLE CODES.

AVERTISSEMENT

CET EQUIPPEMENT DOIT ÊTRE MIS À LA TERRE EN ACCORDANCE AVEC LES NORMES EN VIGUEUR.
ELEMENTARY DIAGRAM

WIRING DIAGRAM

NOTES:
- IF MORE THAN ONE BRIDGE MOTOR IS UTILIZED, PARALLEL MOTORS AT FC CONTACTOR.
- TO CONVERT ROTATION INVERTER CHANG T1 & T3 AND T11 & T13.
- CONNECT PER NAMEPLATE FOR PROPER VOLTAGE.

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

AVERTISSEMENT
- CET 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
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