APPLICATION NOTE

Three-Wire Start/Stop Wiring and Function Codes

Inverter type
FRENIC MEGA series

Software version
All versions

Required options
None

Related documentation
-

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Introduction:
This application note addresses the wiring and function code setup for three-wire start/stop operation using the FRENIC MEGA drive. When started by pushing the FWD or REV push button, the X1 terminal holds that corresponding FWD or REV run command. When the STOP push button is pressed, the run command is released, and the drive stops.

Note 1: FWD and REV are normally-open, momentary contacts. STOP is a normally-closed, momentary contact. These contacts are customer-supplied.

Note 2: For more information concerning three-wire operation, refer to page 5-42 of FRENIC MEGA Instruction Manual.

<table>
<thead>
<tr>
<th>Function Code</th>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>F02</td>
<td>1</td>
<td>Enable terminal FWD/REV run command</td>
</tr>
<tr>
<td>E01</td>
<td>6</td>
<td>(HLD) Enable 3-wire operation – X1 terminal</td>
</tr>
</tbody>
</table>

WIRING DIAGRAM