**GENERAL DESCRIPTION:**

This series of general purpose control stations are designed to provide the process operator with a simple way to input speed, start, stop and direction commands to Datatran's line of variable speed drive controls. These control stations can be remotely mounted in the supplied enclosure or the cover removed and installed in the user's control panel.

The two models offered perform similar functions. They differ in that the model series C2420 incorporates a maintained selector switch for the operating mode while the model series C2669 uses momentary pushbuttons. Selector switch models will react to the switch position whenever power is applied to the system. Units with pushbuttons require a relay interlock and are reset each time power is removed.

A number of single direction or reversing models are available with single or ten turn potentiometers. Ten turn models include a turns counting dial and shaft lock. All units are supplied in a glossy, break resistant phenolic case with aluminum cover. The case includes a single hole for a 1/2 inch conduit connection. All external wiring is made to a numbered barrier type terminal block.

These control stations can be supplied with low cost custom nameplates for specific applications. Interested user's are invited to contact Datatran's sales department for additional details.

**PART NUMBERING SYSTEM:**

Option identifier suffix groups

Model series identifier

C2420-AAA-BBB-CCC-DD

OR

C2669-AAA-BBB-CCC-DD

**PART NUMBER SUFFIX GROUP EXPLANATION**

<table>
<thead>
<tr>
<th>SUFFIX</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAA</td>
<td>Number of potentiometer turns</td>
</tr>
<tr>
<td>BBB</td>
<td>Potentiometer value</td>
</tr>
<tr>
<td>CCC</td>
<td>Front panel nameplate</td>
</tr>
<tr>
<td>DD</td>
<td>Factory installed option identifier</td>
</tr>
</tbody>
</table>

Parts shipped from the factory will have the correct alphanumeric option identifier in place of the suffix letters indicated in the table above.

**ORDERING INFORMATION:**

Refer to the C2420 and C2669 model series selection sheet for a complete listing of the currently available part numbers and options.
When the front panel is removed from the enclosure and then remotely mounted in the user's control panel, the terminal block should be located within 3 inches of the left set of cover mounting holes. Failure to locate the terminal block within 3 inches of these holes will require that the wires soldered between the control devices and the terminal block be extended.

APPLICATION EXAMPLE:
The application shown utilizes the model series C2669 control station to provide a magnetically interlocked jog or run signal to the drive controller. With the selector switch in the "RUN" position, the system will follow the "SPEED ADJUST" potentiometer after the "START" button is depressed. It will run until the "STOP" button is depressed. With the selector switch in the "JOG" position the system will run at...