

Application Note

AN-ODP-21

**Using the Optidrive Plus with 4 preset speeds**

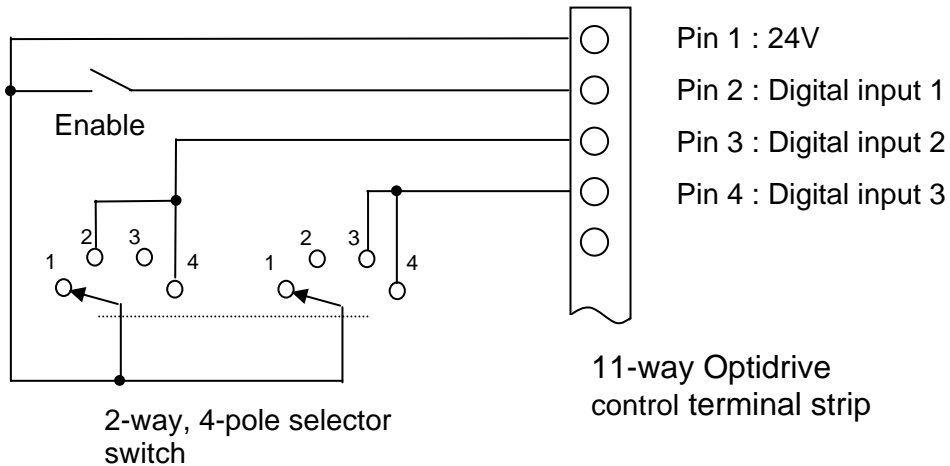
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• **General:**

Optidrive Plus can be configured to operate with any one of 4 preset speeds, selected using a 2-pole, 4-position selector switch. This application note describes how this can be implemented.

• **Wiring details :**



• **Notes :**

1. The Optidrive must be set to terminal mode with P1-12 = 0 and P2-01 = 2.
2. The preset speeds are set in P1-11, P2-02, P2-03 and P2-04. The preset speeds can be set to any value between -P1-01 and P1-01.
3. The selector switch must be mechanically linked such that the two poles are switched simultaneously. Each switch position selects one of the four available preset speeds.
4. If user set P2-01=5, then digital input 3 and analog input can be used to select 4 different preset speed. In this case, digital input 2 will be used to control the motor speed direction. According to users' application, they can also select other digital input functions, ie. P2-01=9 or P2-01=18.

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