

Application 3: Preset Speeds

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IDEAL FOR APPLICATIONS REQUIRING  
MULTIPLE DISCRETE SPEED LEVELS

**P 1 = 3**

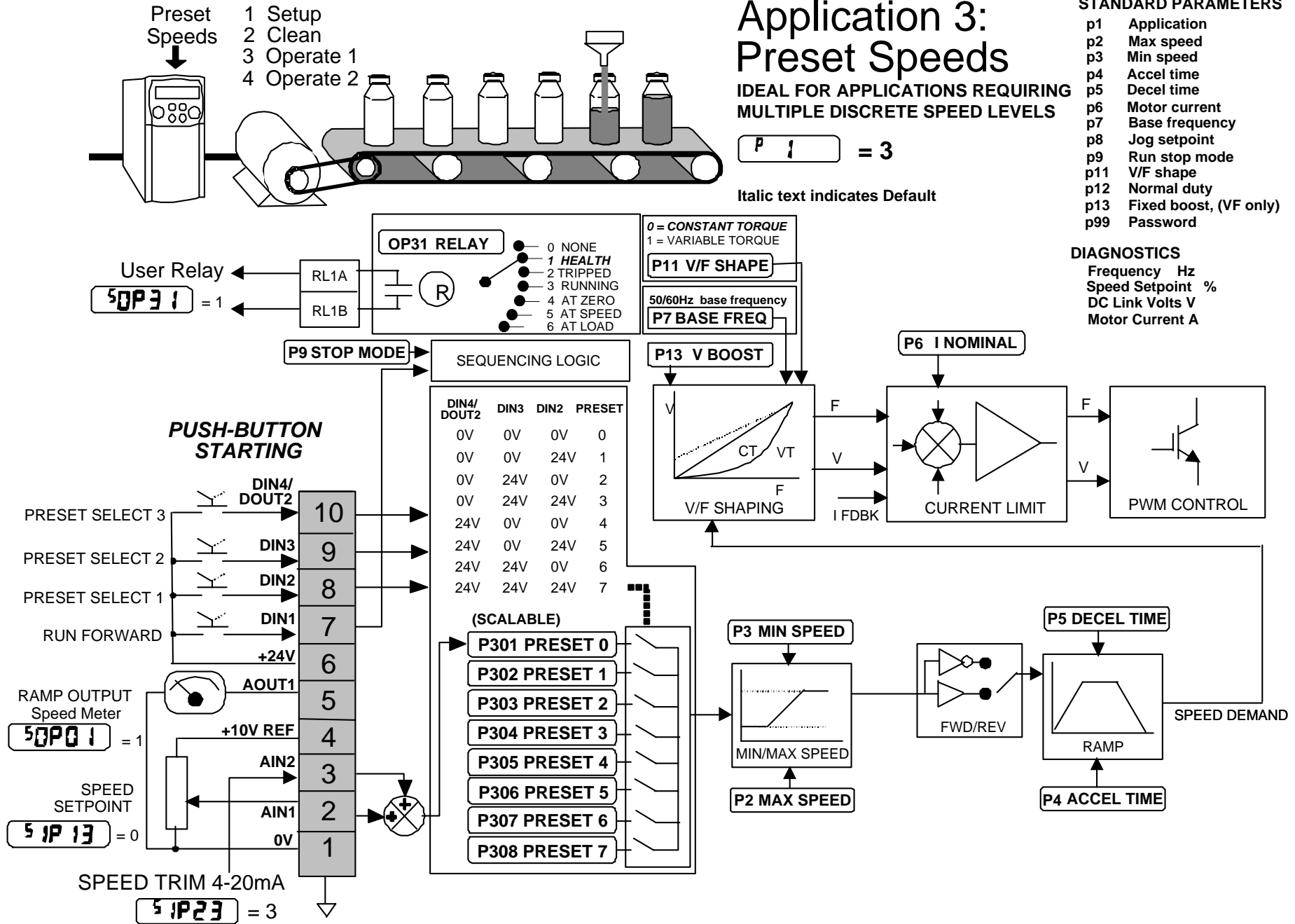
*Italic text indicates Default*

**STANDARD PARAMETERS**

- p1 Application
- p2 Max speed
- p3 Min speed
- p4 Accel time
- p5 Decel time
- p6 Motor current
- p7 Base frequency
- p8 Jog setpoint
- p9 Run stop mode
- p11 V/F shape
- p12 Normal duty
- p13 Fixed boost, (VF only)
- p99 Password

**DIAGNOSTICS**

- Frequency Hz
- Speed Setpoint %
- DC Link Volts V
- Motor Current A

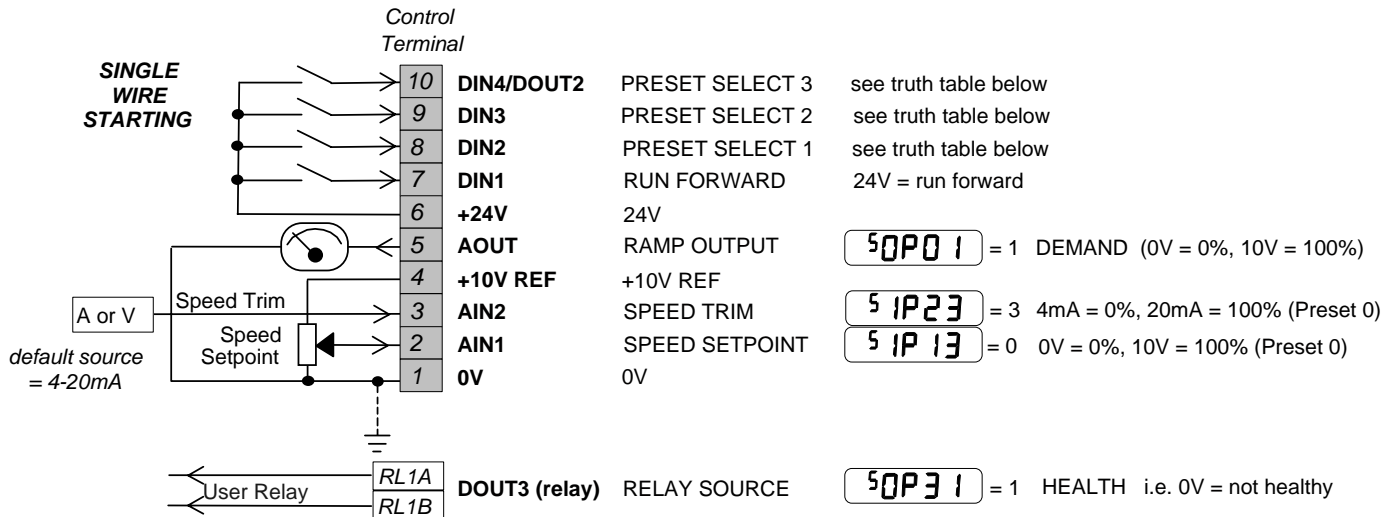


## Application 3: Preset Speeds

This is ideal for applications requiring multiple discrete speed levels.

The setpoint is selected from either the sum of the analogue inputs, (as in Application 1 and known here as PRESET 0), or as one of up to seven other pre-defined speed levels. These are selected using DIN2, DIN3 and DIN4, refer to the Truth Table below.

Edit parameters P302 to P308 on the keypad to re-define the speed levels of PRESET 1 to PRESET 7. Reverse direction is achieved by entering a negative speed setpoint.



**Preset Speed Truth Table**

DIN4/DOUT2	DIN3	DIN2	Preset
0V	0V	0V	0
0V	0V	24V	1
0V	24V	0V	2
0V	24V	24V	3
24V	0V	0V	4
24V	0V	24V	5
24V	24V	0V	6
24V	24V	24V	7