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<b>Product</b>	Imoticon ID700

<b>Title</b>	Imoticon ID700 Selecting between a preset speed reference and a keypad speed reference
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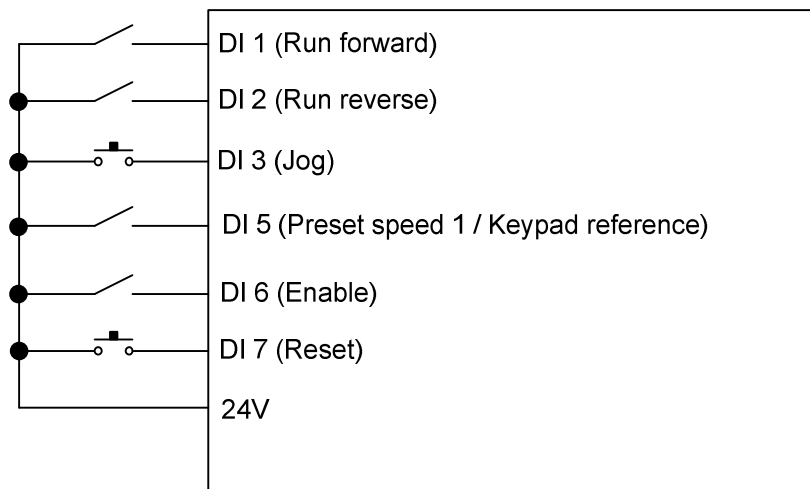
<b>Summary</b>	This document gives information on how to set up the Imoticon ID700 for selecting between a preset speed reference and a keypad speed reference
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**NOTE: Please read this document in conjunction with the Imoticon ID700 Easy Start Guide and Imoticon ID700 Advanced User Manual.**

**Parameter settings** (from default)

<b>Parameter</b>	<b>Setting</b>	<b>Description</b>
P00.02	User setting	<i>Set to motor nameplate current</i>
P00.04	1	Control mode to terminal control
P00.16	5.00Hz (Default)	<i>Set to required preset speed</i>
P00.23	1	Allow advanced parameter access
P01.08	0 (Default)	Set as required, see description below
P01.11	1 (Default)	Set as required, see description below
P09.01	1	Digital input function level control
P09.06	16.16	DI 5 destination to Binary sum one's input
P09.16	1	DI 5 invert
P16.19	1.01	Binary sum destination to reference selector

### Terminal diagram (from default with above parameter changes)



### Operation

Close the enable and Run Forward switches to run the drive.

When the switch on DI 5 is open, the speed reference is controlled by the setting of Preset speed 1 (parameter P00.16).

When the switch on DI 5 is closed, the speed reference is controlled by the UP and DOWN keypad buttons.

**(NOTE:** If the run reverse switch is closed, preset speed 1 and the keypad reference will be negative)

### Keypad reference after stop button has been pressed

Parameter P01.08 controls the keypad reference after the STOP button has been pressed:

Parameter	Default Setting	Description
P01.08	1	Retentive – The drive will remember the keypad reference after the stop button has been pressed.  If P01.08 is set to 0, if the STOP button is pressed, the keypad reference will start from 0.00Hz on the next drive run command.

### Keypad reference on power up

Parameter P01.11 controls the keypad reference when the drive is powered up:

Parameter	Setting	Description
P01.11	0	Starting at zero speed/reference
	1	Starting reference is the keypad reference before the drive was powered off
	2	Starting reference is preset speed 1 (P04.01)

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