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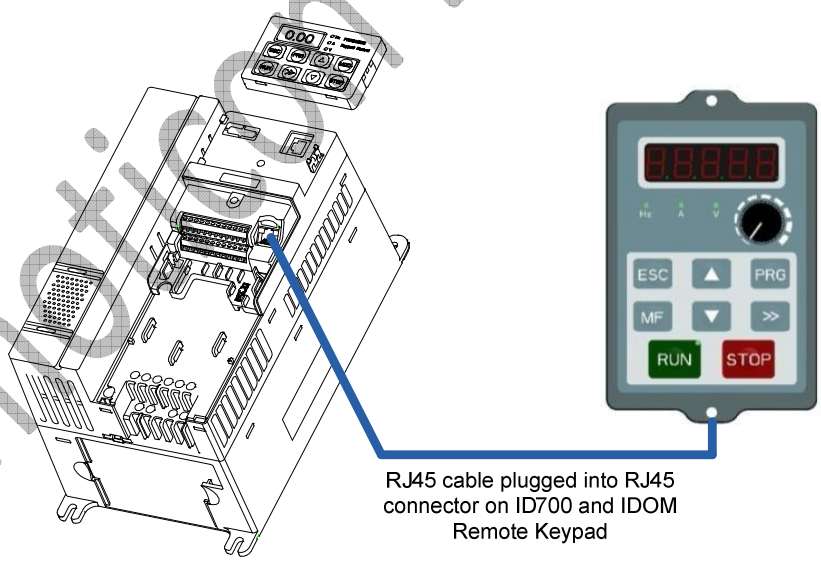
Product	Imoticon ID700

Title	IDOM Remote Keypad set up

Summary	Gives basic set up information for using the IDOM Remote Keypad with the ID700

NOTE: Please read in conjunction with the ID700 Easy Start Guide, ID700 Advanced User Manual and the IDOM Instruction Sheet.

Connect the Keypad to the ID700 with a good quality screened/shielded RJ45 cable as shown below:



NOTE: The RJ45 cable should be run away from power and motor cables.
A ferrite core may be required with one turn of the RJ45 cable mounted close to the ID700.

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Set up 1

The Following set up will allow the IDOM Remote Keypad to control the ID700 – Start/Stop & Speed control via the potentiometer.

Parameter set up
P00.04 = 2 : Serial communications control mode
P00.05 = 5 : Serial communications reference source selector
P00.23 = 1 : Advanced parameters access

Check the following parameters are set correctly:
P10.02 = 1 : Drive address = 1
P10.03 = 3 : 19.2kbps baud rate
P10.04 = 1 : 8 data bits, 2 stop bits, no parity

NOTE: Powering down and re-applying power to the drive may be required for the IDOM buttons and potentiometer to function.

The IDOM keypad buttons and potentiometer will now control the drive.

Set up 2

The Following set up will allow the drives terminals to control drive stopping and starting and for the IDOM Remote Keypad to control speed via the potentiometer.

Parameter set up
P00.04 = 1 : Terminal control mode
P00.05 = 5 : Serial communications reference source selector
P00.23 = 1 : Advanced parameters access

Check the following parameters are set correctly:
P10.02 = 1 : Drive address = 1
P10.03 = 3 : 19.2kbps baud rate
P10.04 = 1 : 8 data bits, 2 stop bits, no parity

The drives terminals will control drive stopping and starting and the keypad potentiometer will control the drives speed.

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MF Button

As default, the MF button is set up as a jog button. This can be changed by the setting of parameter P5.07.

P5.07 = 0 : Jog (Default)
P5.07 = 1 : Forward/Reverse
P5.07 = 2 : Coast to stop
P5.07 = 0 : Reserved

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