

TECO Australia and New Zealand

TECO L510s - QUICK SET-UP GUIDE

This is a quick set-up guide for configuring the Teco L510s for either of the following control requirements:

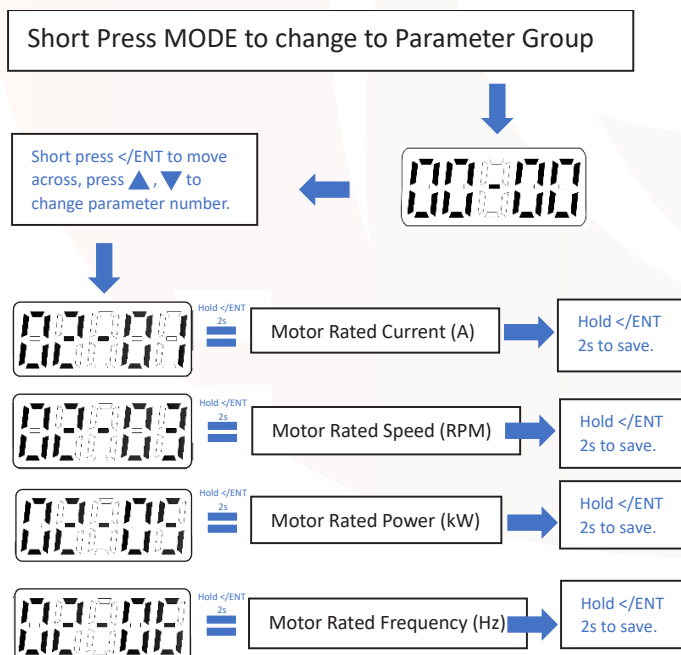
- Motor Parameter Setup
- Start/stop control – Keypad, External Switch or PLC etc
- Wiring Diagram - 2-wire & 3 wire start/ stop operation
- Speed/frequency control – Keypad, Pot on Keypad, External Pot

Highlighted in the table below are the main parameter groups that are involved in this list of control requirements.

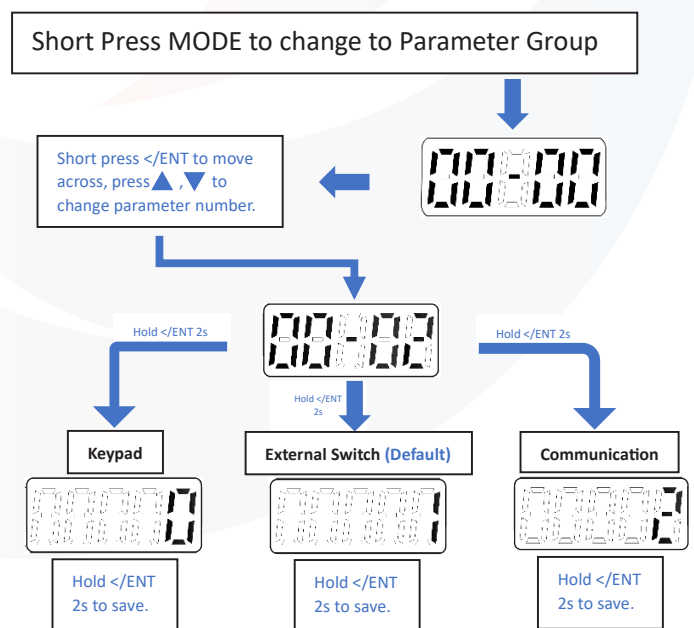
PARAMENTER GROUP No.	Description
Group 00	Basic parameter
Group 01	V/F Pattern selections and set up
Group 02	Motor parameters
Group 03	Multi function digital Inputs/Outputs
Group 04	Analog signal inputs / Analog output
Group 05	Present frequency selections
Group 06	Auto Run (auto sequencer) function
Group 07	Start/Stop command setup
Group 08	Drive and motor protection
Group 09	Communication function setup
Group 10	PID function setup
Group 11	Performance control functions
Group 12	Digital display & monitor functions
Group 13	Inspector and maintenance function



Motor Parameter Setup:



Start/Stop Control – Keypad, External Switch:



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Wiring Diagram for External Control by Switch

Applicable when  = 

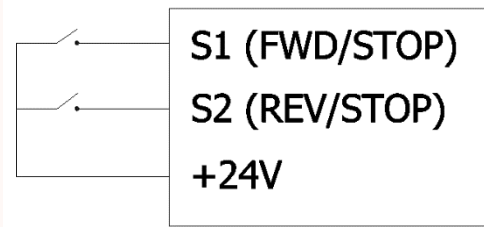
Wire: Forward/Stop – Reverse/Stop (Default)

Two external switches are required, one for forward direction and the other for reverse.
Switch type: two positions, maintained type.

- Parameter Setup:

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- Wiring Diagram:



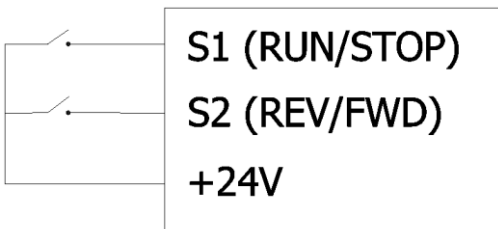
Wire: Run/Stop-Reverse/Forward

Two external switches are required, one for forward direction and the other for reverse.
Switch type: two positions, maintained type.

- Parameter Setup:

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- Wiring Diagram:



Wire Control Mode-Run/Stop

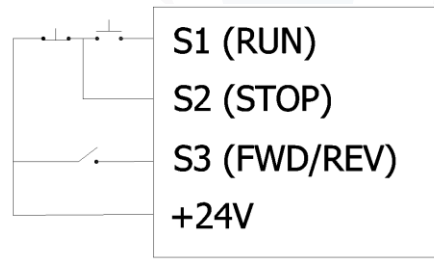
In this mode, two separated momentary push buttons are used for start and stop functions.

For S1 to initiate the Run command. Push button connected to S2 must be connected by a normally closed type contact (NC).

- Parameter Setup:

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- Wiring Diagram:

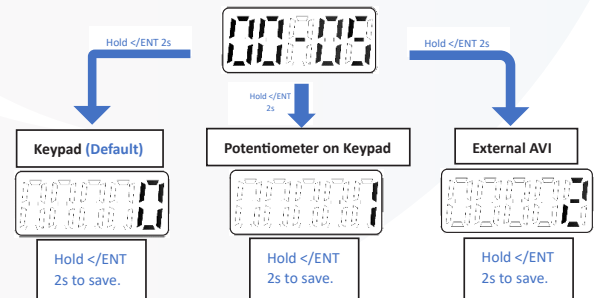


Speed/frequency control – Keypad, Pot or External

- Parameter Setup:

Short Press MODE to change to Parameter Group

Short press </ENT to move across, press ▲, ▼ to change parameter number.



- Wiring Diagram:

