



# Industrial Terminals Typical Connection Diagram – Terminal Config 1

## General

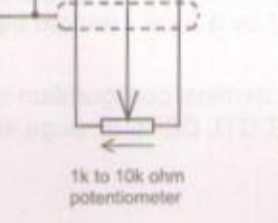
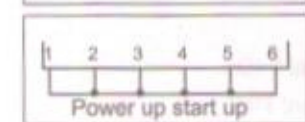
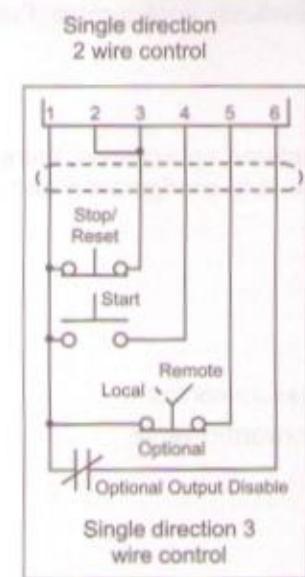
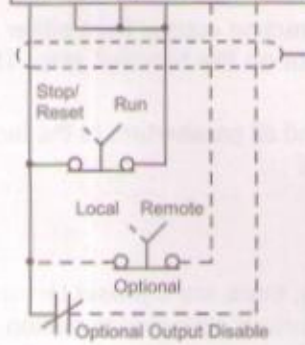
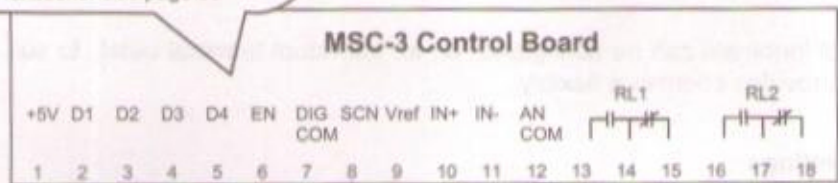
This section shows the typical configurations applicable to a wide range of industrial applications.

The motor speed may be controlled from the local console on the MSC-3 or a remote signal source. Switching between local and remote operation is controlled by a contact closure. This terminal configuration is the factory default. Several alternative arrangements for starting and stopping are shown.

**i** The function of terminals D1...4 are programmable. In this configuration (Terminal config 1) their functions are:

- D1 RESET
- D2 - STOP
- D3 FWD & LATCH
- D4 REMOTE

These terminals can be programmed for many other functions. See page 53

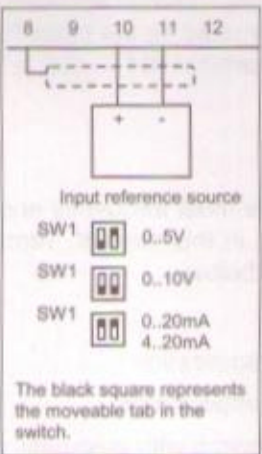


|   |   |                            |
|---|---|----------------------------|
| O | C | No Power                   |
| O | C | Power On and Stopped       |
| C | O | Power On and Drive running |

**RL1 - Run**

|                          |   |   |
|--------------------------|---|---|
| No Power                 | O | C |
| Power On and not tripped | O | C |
| Power On, Drive Tripped  | C | O |

**RL2 - Trip**



For 4-20mA signals the analog input "REF AT 0%" should be set to -25%. See Speed References section, page 51 for details

**Optional Wiring**

If selection between local and remote is not required, place a link between terminals 1 and 5. If the output disable is not required place link between terminals 1 and 6.

**Local/Remote**

In "local" the MSC-3 is controlled from the front panel console. In "remote", the MSC-3 is controlled from the terminal strip.