

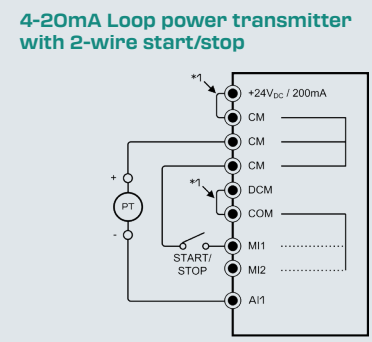
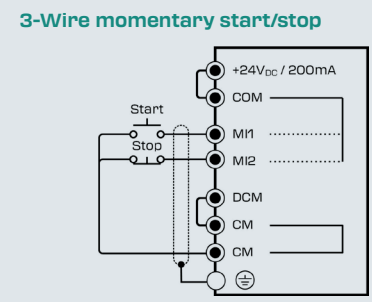
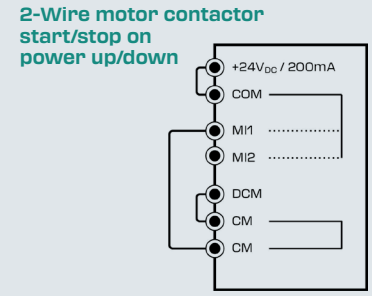
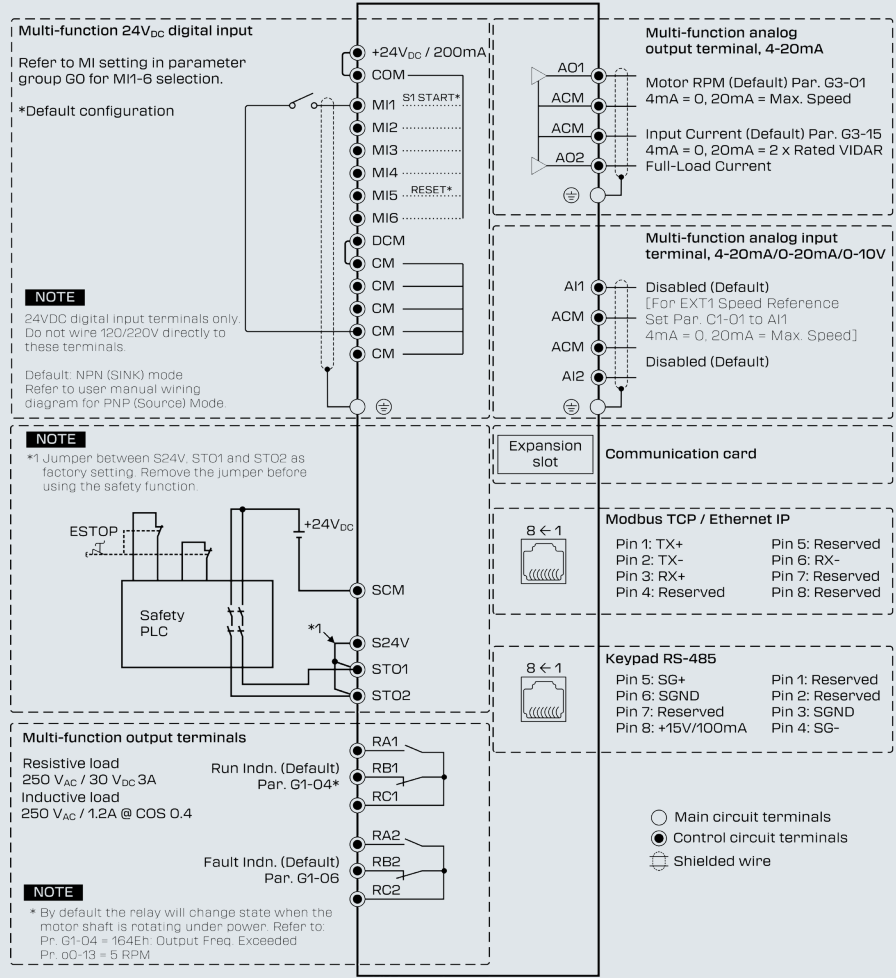
Control Wiring Diagram



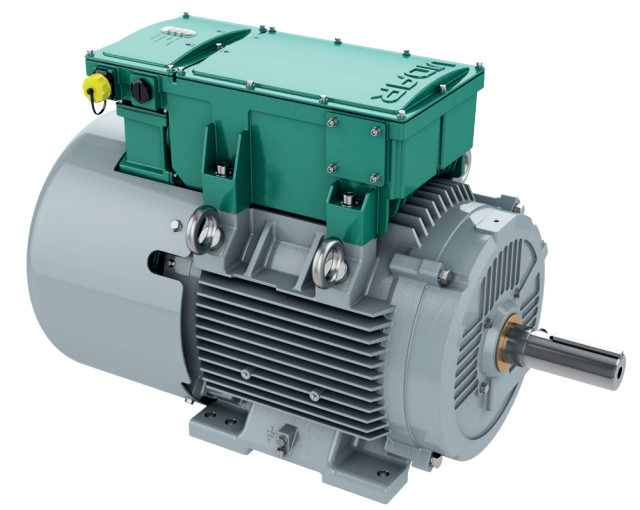
General wiring diagram

Common applications

Quick-Start Guide



To download the complete Installation and operation manual
Scan the link



Get in touch
vidar@itt.com
+1 (315) 234-1973

*1 Rewire the factory default jumpers to create additional 24V_{DC} terminals.

Overview and safety

01

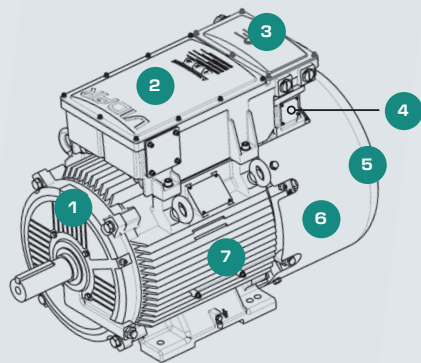
This guide is a simplified overview to help you start up the VIDAR motor with embedded intelligence. For detailed instructions to unpack, inspect and install the VIDAR properly, refer to the VIDAR Owners and Operator Manual.



Danger! This equipment poses risks of electrical shock and mechanical hazards. Only qualified personnel should perform maintenance or repairs. Always follow safety protocols and consult the VIDAR Owners and Operator Manual for detailed instructions.

Main components

02

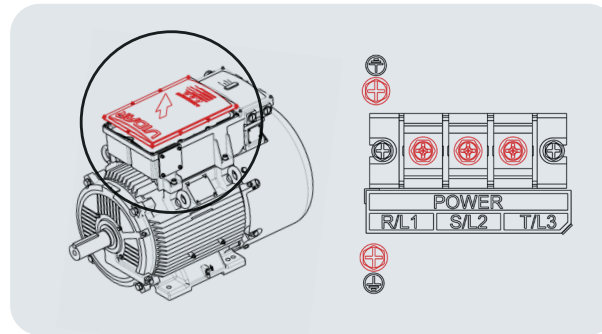


- | | | | |
|---|----------------------|---|------------------------|
| 1 | Motor | 5 | Fan |
| 2 | Terminal box | 6 | Fan cowling |
| 3 | Control terminal box | 7 | Conduit box (optional) |
| 4 | Converter | | |

Main circuit terminals

03

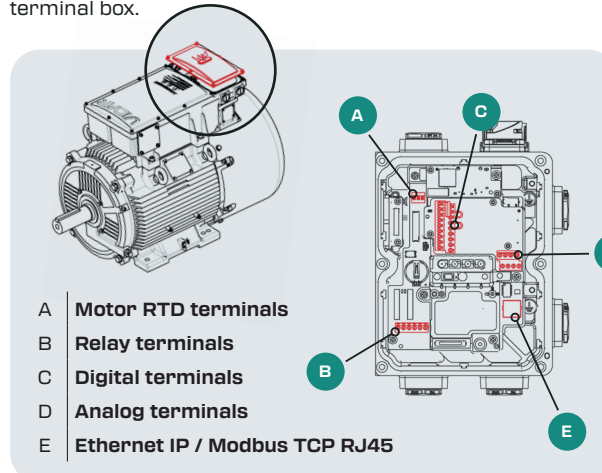
Connect the main 3-phase power supply to terminals R/L1, S/L2, and T/L3 in the main terminal box or optional conduit box. Branch circuit protection must be provided in accordance to any applicable local codes.



Application control terminals

04

For remote control and feedback, connect the control wires to the appropriate terminals in the application control terminal box.

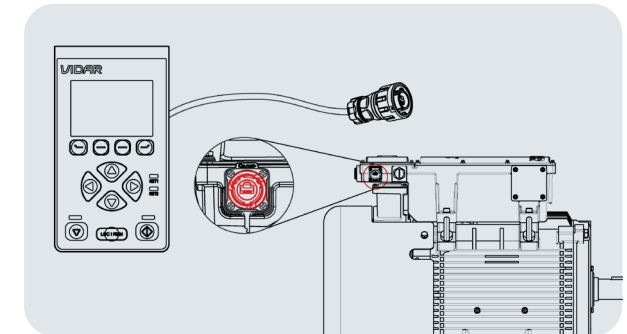


- A Motor RTD terminals
- B Relay terminals
- C Digital terminals
- D Analog terminals
- E Ethernet IP / Modbus TCP RJ45

Connecting the keypad

05

For programming and troubleshooting, connect the VIDAR universal keypad (sold separately) to the external RJ45 keypad port. Once finished, disconnect the keypad cable and resecure the IP66 cover.



Start up wizard

06

With the VIDAR powered and the keypad connected for the first time, a prompt will appear to start the Start-Up Wizard. Follow the on-screen instructions to program the VIDAR. For application specific programming refer to the VIDAR Programming Manual.

