

1. Package

Package includes the following:

- NEMA 4X pot/knob kit (PC/PW/RC/AC), P/N 9510
- Installation manual
- Jumper wire

2. Installing the Potentiometer

1. Disconnect the power supply before opening the terminal cover.
2. Unscrew the 4 terminal cover screws as illustrated in Figure 1.
3. Drill cover with 10mm drill bit in the center dimple.
4. Mount potentiometer in the cover.
5. Secure the potentiometer with the nut provided. Do not overtighten.

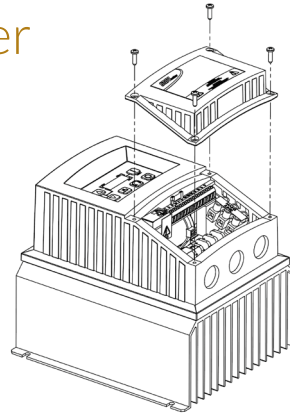


Figure 1: remove cover

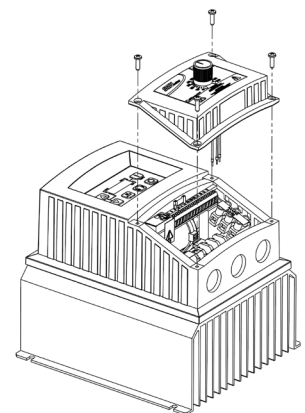


Figure 2: close and secure cover

3. Connecting Potentiometer

1. Connect the potentiometer wires to the i550 inverter terminal strip as shown in table and Figure 3.

Wire	VFD Terminal Row (back row)
White	GRD
Orange	A1
Purple	10V

2. Install jumper wire between D1 and 24V.
3. Close the cover and secure the screws. Make sure not to overtighten.

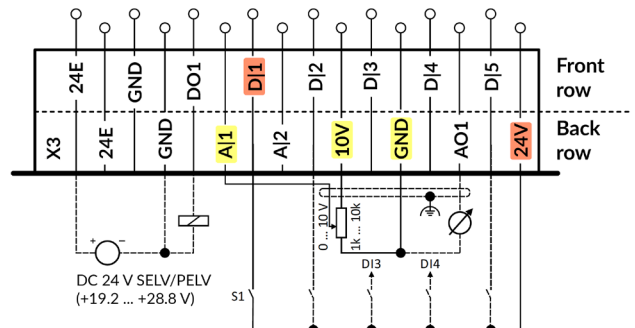


Figure 3: wiring potentiometer to the i550 inverter terminal strip

4. Program VFD

1. Change parameter settings to match table below.

Setting	New Value
Frequency Control (P201.01)	2
Analog Input 1 (range) (P430.01)	0 (0-10 VDC)
Analog Input 1 (Maximum) (P430.03)	Set to the same value as P211.00

2. Consult operating instructions BA__ i550-C 0.25-132kW for further details.

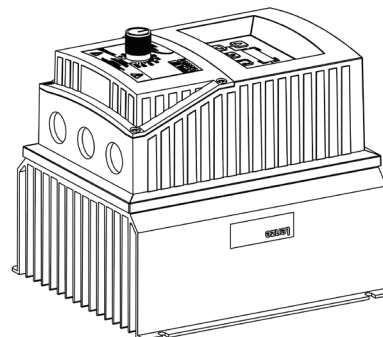


Figure 4: i550 inverter with potentiometer option installed