

| DATE | REV | REASON FOR CHANGE | ORIGINATED & APPROVED |
|----------------------------|-----|---|-----------------------|
| 9 th Oct 2017 | 0 | New Issue | Francis Foley |
| 10 th July 2018 | 1 | Added More Info on configuration. Figures 2, 3 & 4 | Francis Foley |
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1 Purpose

The purpose of this procedure is to explain how to Set-Up and Program a Nemo Panel Meter

2 Equipment Required

Appropriate Supply Voltage 230VAC 50Hz or 24VDC (Meter Dependent)
Nemo Instruction Manual



Figure 1. Nemo Panel Meter

3 Programing and Set-Up Instructions

- 3.1 Connect the meter to the auxiliary supply voltage 230VAC or 24VDC as appropriate; terminals 20+ and 21-.
- 3.2 Connect the meter to the appropriate circuit 1N1E or 3N3E as shown on the Nemo Instruction Manual.
- 3.3 Press the 2 Centre Keys on the Meter (Up and Down Arrows) until the PASS symbol appears in the display.
- 3.4 Change the display to 1000 by pressing the up arrow once and then hit the Enter Key (Under E-T)
- 3.5 If the meter is connected to a 1N1E circuit then:

- 3.5.1 If the meter is connected to a 1N1E circuit press the Enter Key again and then change the second screen to L in 2 A by pressing the down arrow key 10 times, then hit Enter. Note on the top corner there will be a number 1 shown as in the Figures below.

| | |
|---------------|----------|
| Top Corner: 1 | |
| Line 1: | L in 1 v |
| Line 2: | |
| Line 3: | |
| Bottom: | 1-11 |

Figure 2. Screen 1

| | |
|---------------|----------|
| Top Corner: 1 | |
| Line 1: | |
| Line 2: | L in 2 A |
| Line 3: | |
| Bottom: | 11-11 |

Figure 3. Screen 2

- 3.5.2 Press the down arrow 9 times until the screens shown a 1 in the Top Left Hand Corner and the main section displays L in 3 w, then hit the Enter Key

| | |
|---------------|----------|
| Top Corner: 1 | |
| Line 1: | |
| Line 2: | L in 3 w |
| Line 3: | |
| Bottom: | 10-11 |

Figure 4. Screen 3

- 3.5.3 Press the down arrow 3 times to select 1n1E on the SYS display then hit Enter.
- 3.5.4 Press the Enter Key 3 times until the bASE CUrr screen appears ensure its set to 5A
- 3.5.5 Change PASS to 2001 by pressing the up arrow twice, then pressing the right arrow 3 times and the up arrow once, then press enter.
- 3.5.6 Change the Ct ratio screen as appropriate, commonly used transformers ratios are:
60/5 = 15; 100/5 = 20; 150/5 = 30 and 200/5 = 40

- 3.5.7 Press Enter twice after the Ct ratio is set and the meter will save the settings.
- 3.5.8 The voltages and currents can be checked easily by using a known load such as a fan heater.
- 3.6 If the meter is connected to a 3N3E circuit then ignore steps 3.5.1 and 3.5.2 and then complete the rest of the steps in the same way except set the SYS display to read 3n1E in step 3.5.2.