PRODUCT SUPPORT INFO

**PRODUCT LINE: Intrusion / Access** **DATE:** 16.06.2022

**PRODUCT: OMNIS** **Version:** 01

# Omnis P-Series PSU Integration

Technical note further explaining the integration between Omnis and P-Series Power Supply Units

- Wiring
- Enrolling the Node
- Topic highlight

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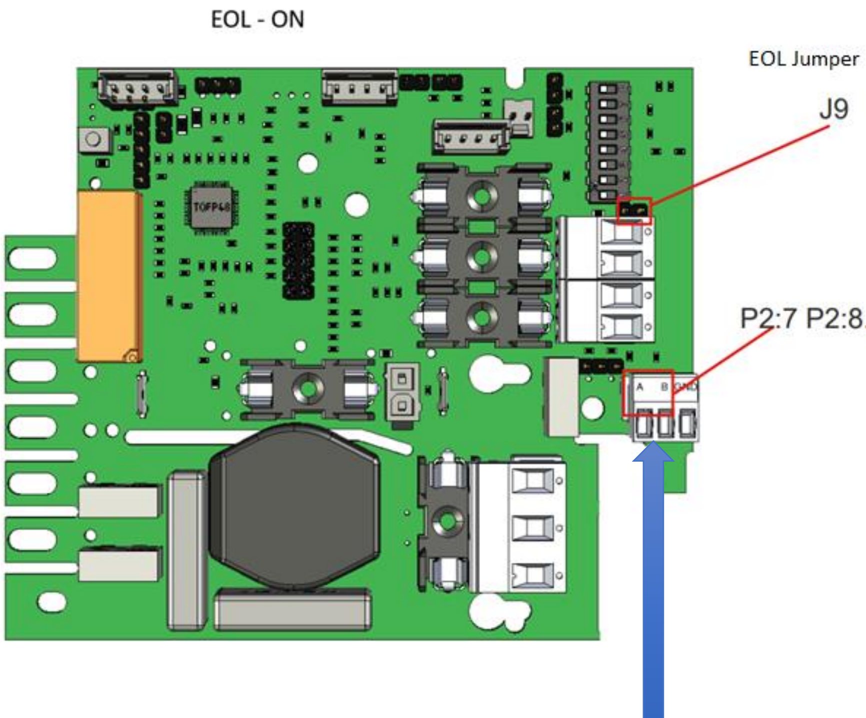
# 1. Wiring and Configuration




**E100 Reader port 1–2 Interface**

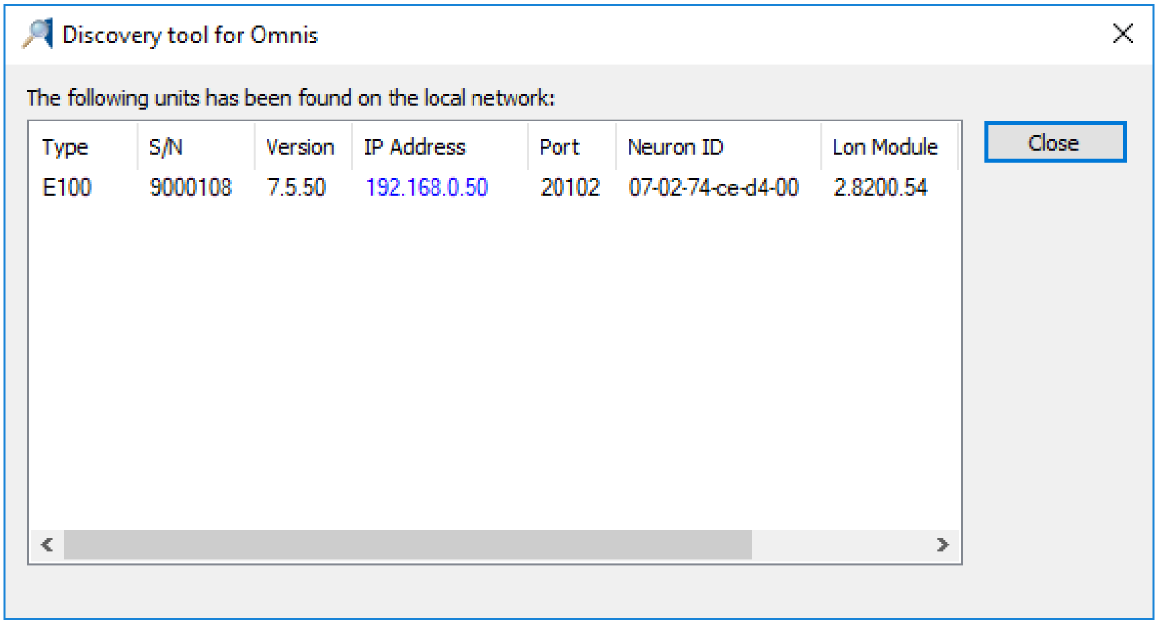
| E100 - Reader 1 / 2 | | P-Series |
|---|---|---|
| Reader 1/2 :A | → | P2 :7 - A |
| Reader 1/2 :B | → | P2 :8 - B |

Note :Firmware 1.3.0 or 1.5.0 is needed in the PSU,And the PSU needs to be configured to use RS-485.
And EOL needs to be on in PSU and E100,The PSU needs to power the E100 it is connected to.

## 1.1. Setting the Reader Port to OSDP

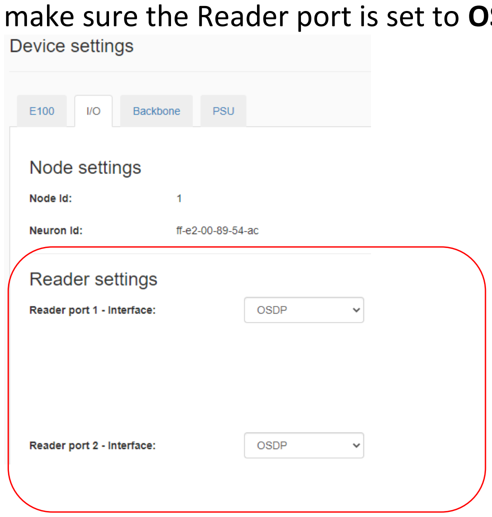
To be able to communicate with the PSU, the Reader Port must be set to OSDP. This is done in the E100 Web Client.

To find the E100 IP Adress, the discovery tool can be used. Press the hyperlinked IP Adress to connect to the E100.




Log on to the E100 Web Client. The default login credentials are :
**Username** : sysadm
**Password** : sysadm

In the Device settings tab, make sure the Reader port is set to **OSDP** :



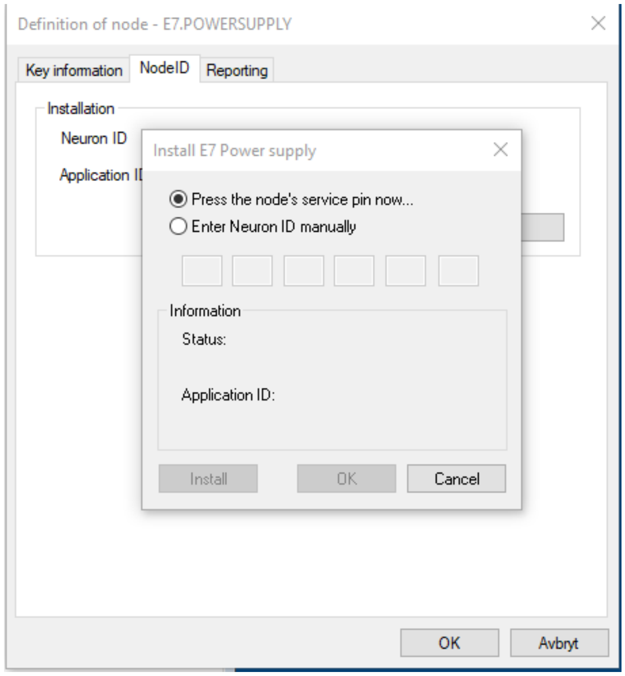

Note :E100 firmware needs to be 7.4 or later

## 2. Enrolling the Node

There are two ways to enroll the Node into Omnis, described below.

### 2.1. Enroll Node using the Tamper-switch

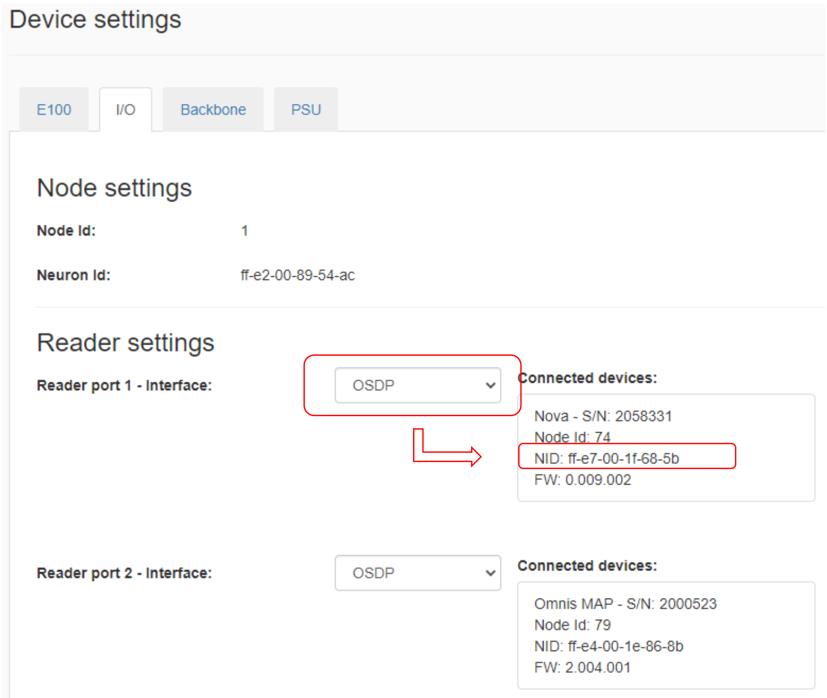
Once wiring is complete log on to the Omnis Client (OPPGM.exe) and add a Node to your system :



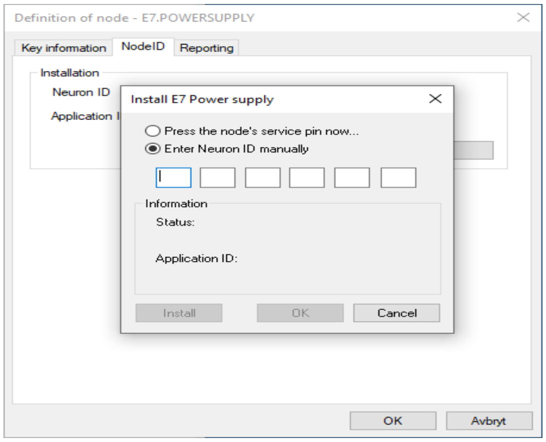

Press the Tamper-switch 3 times and the Node ID and Application ID should appear.

## 2.2. Enroll Node using the Neuron-ID

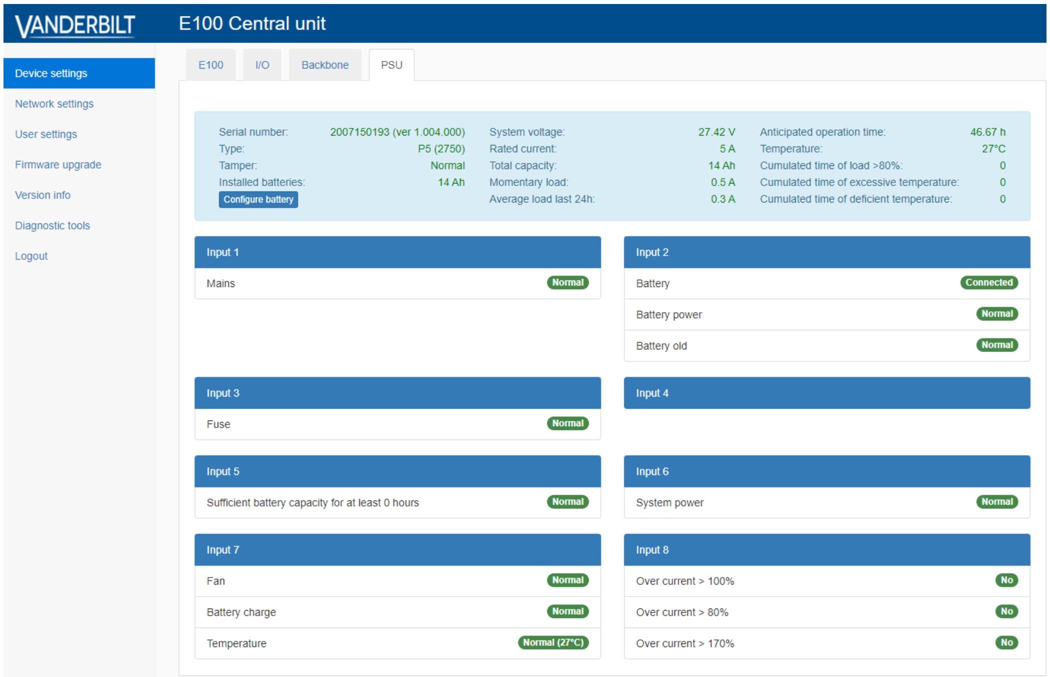
Once wiring is complete log on to the E100 Web Client to fetch the PSU's Neuron-ID. It can be found in ***Device settings*** and the ***I/O-tab***, under **NID** as seen below:



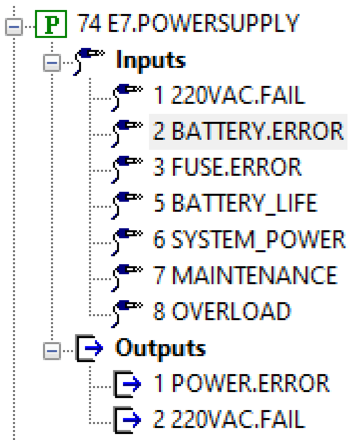

Copy the Neuron-ID (NID) from the E100 Web Client and paste it to the field below :

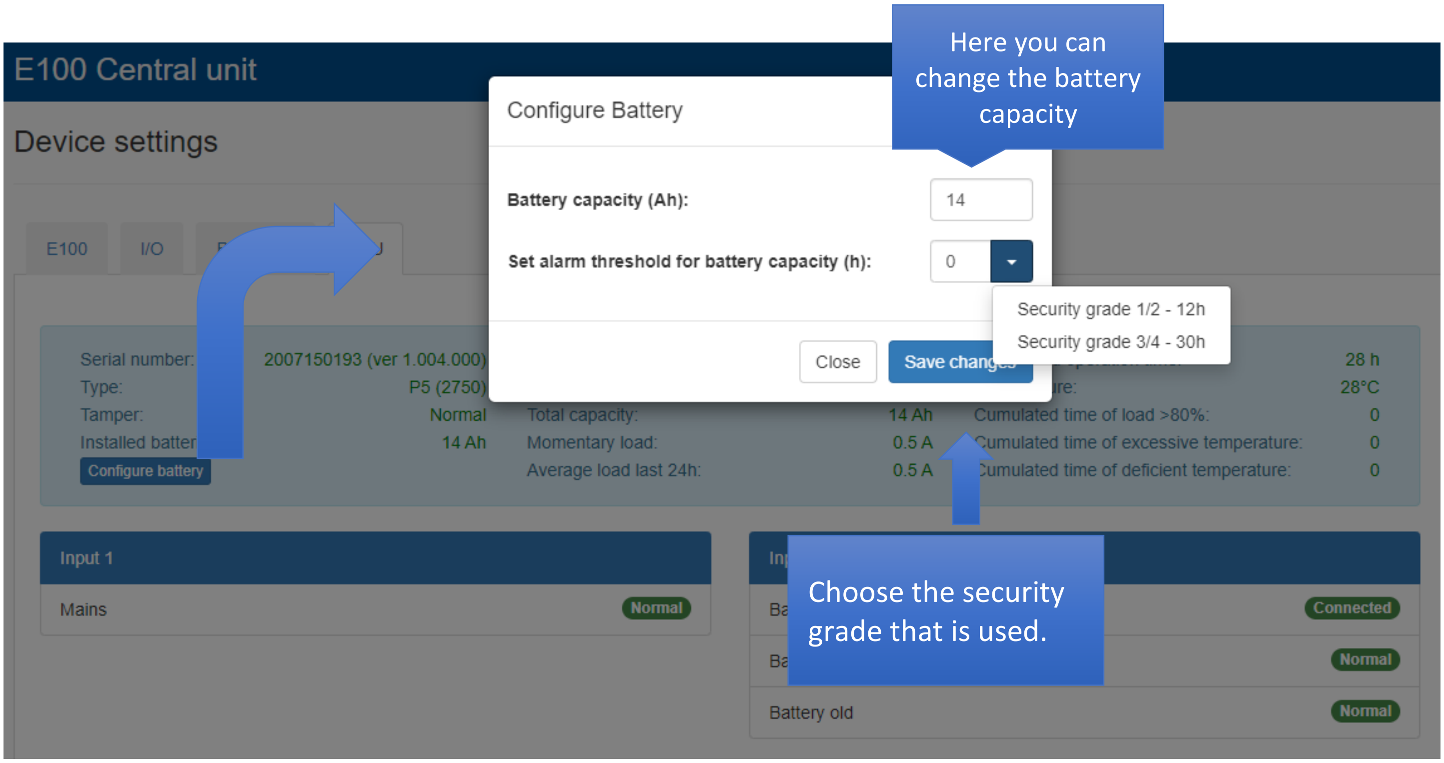


# 3. Status from Nova PSU




This inputs and outputs are pre-programmed from Omnis standard database.




E100 Central unit
Device settings
Configure Battery
Here you can change the battery capacity
Battery capacity (Ah):
14
Set alarm threshold for battery capacity (h):
0
Security grade 1/2 - 12h
Security grade 3/4 - 30h
Close
Save changes
Serial number:
2007150193 (ver 1.004.000)
Type:
P5 (2750)
Tamper:
Normal
14 Ah
Configure battery
Total capacity:
14 Ah
Momentary load:
0.5 A
Average load last 24h:
0.5 A
Cumulated time of load >80%:
Cumulated time of excessive temperature:
Cumulated time of deficient temperature:
28 h
28°C
Input 1
Mains
Normal
Choose the security grade that is used.
Connected
Normal
Battery old
Normal

If you have any questions, please contact our Technical Competence Centre.

Contact details can be found on our website.