CCGX & Fischer Panda generators

As of CCGX v2.07 it is possible to read data from your Fischer Panda generator. The generator needs to be connected to the VE.Can port of the CCGX, which requires a Fischer Panda SAE J1939 module.

Requirements

- CCGX or Venus GX
- Fischer Panda generator, xControl or iGenerator
- Fischer Panda SAE J1939 CAN module (part number 0006107)
- Fischer Panda FP-Bus to VE.Can adapter (part number 0023441)

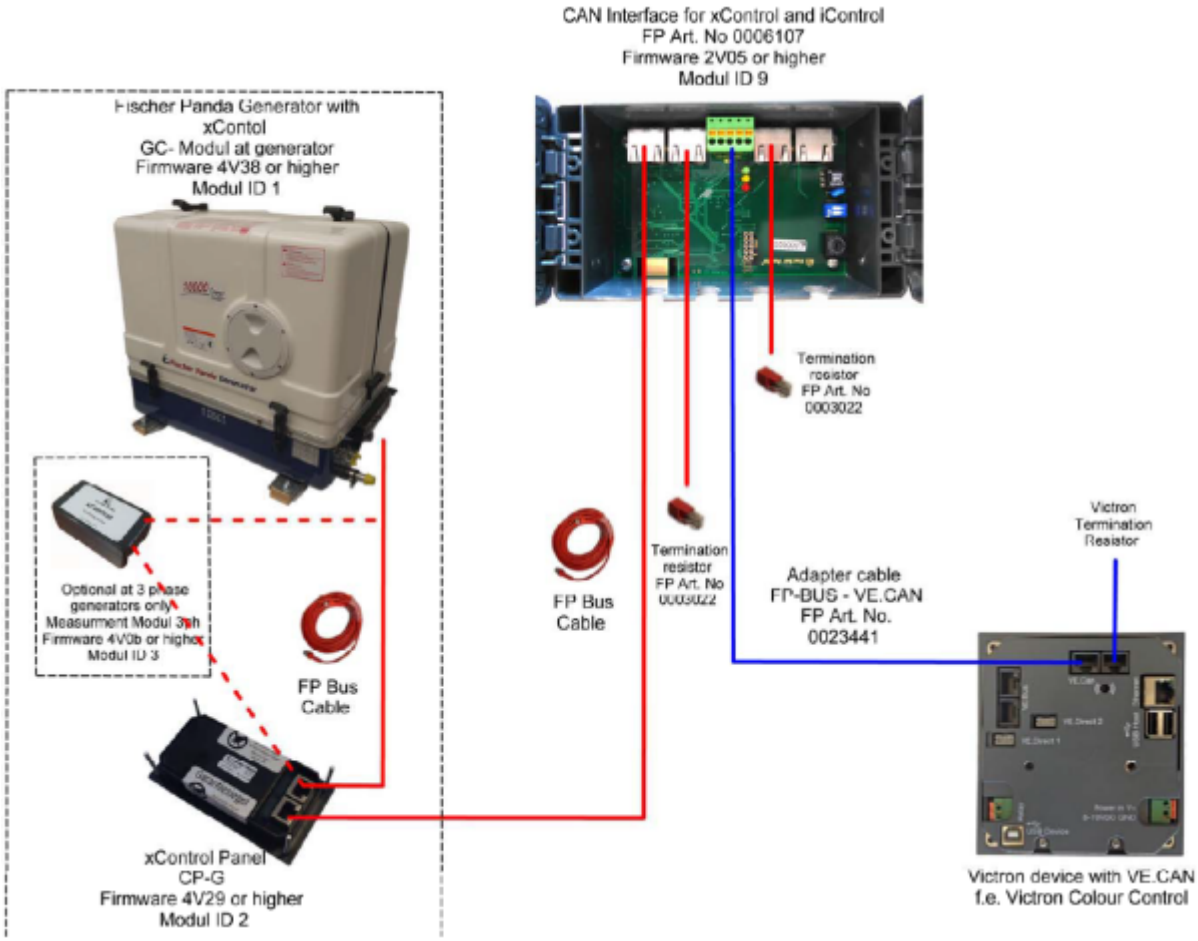
Fischer Panda Firmware requirements:

- iControl (for the iGenerator): 2.17 minimum
- iControl panel: no minimum requirement
- xControl (for the constant speed generators): 4V38 minimum
- xContr panel: 4V29
- Fischer Panda SAE J1939 CAN module: 2V05
- Fischer Panda three phase module: 4V0b

Connecting

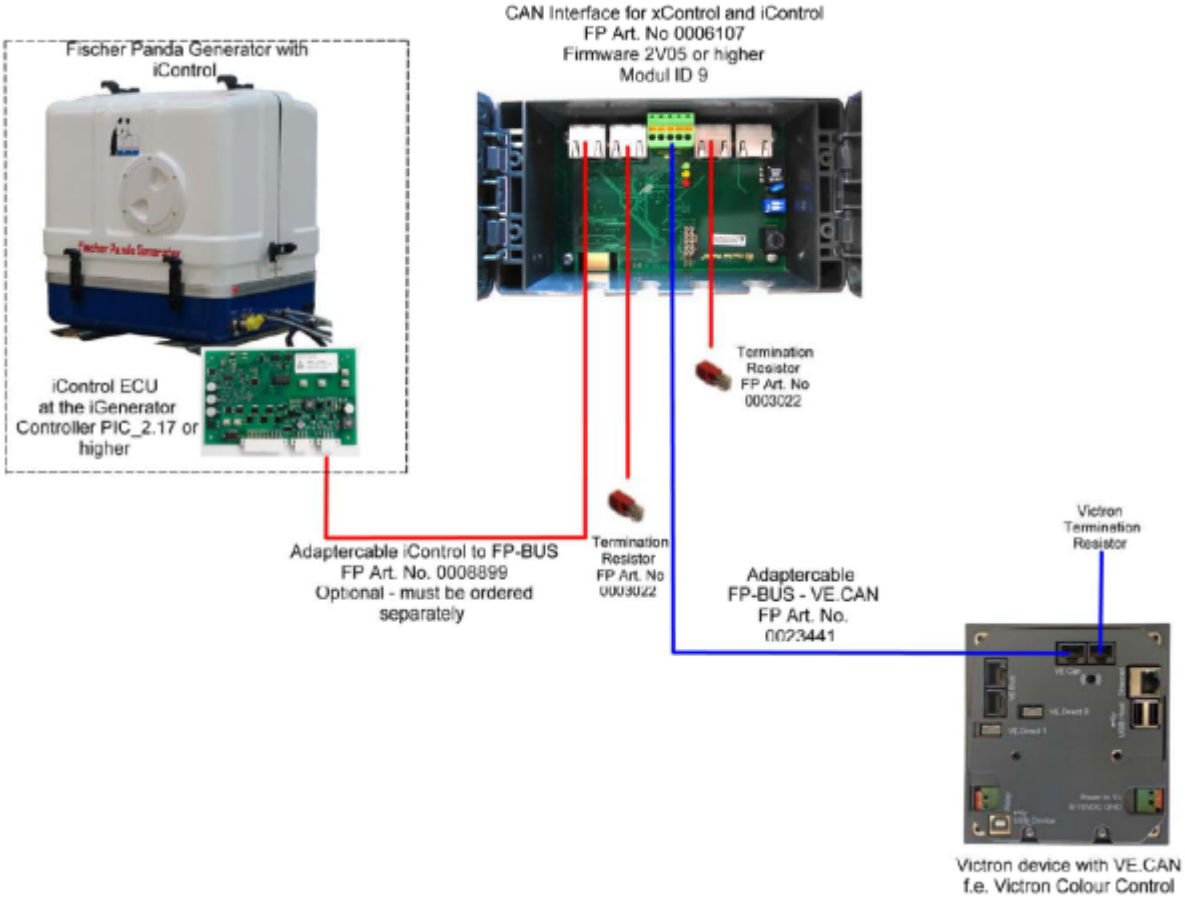
xControl

The schematic below shows how to connect a Fischer Panda xControl generator.



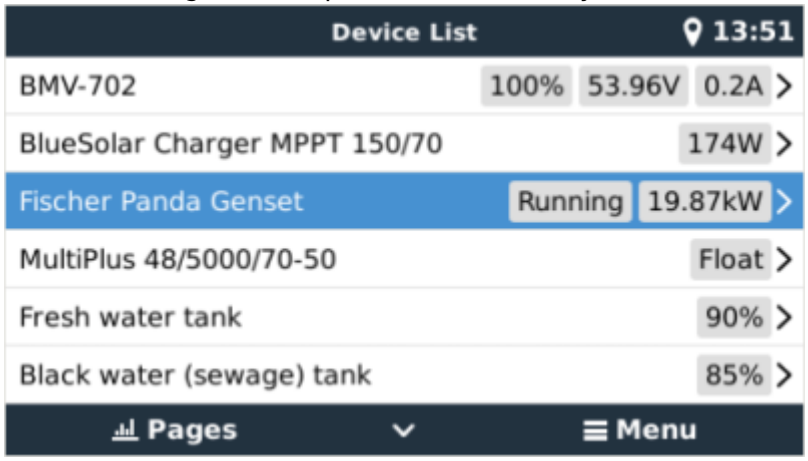
iControl

The schematic below shows how to connect a Fischer Panda iControl generator.

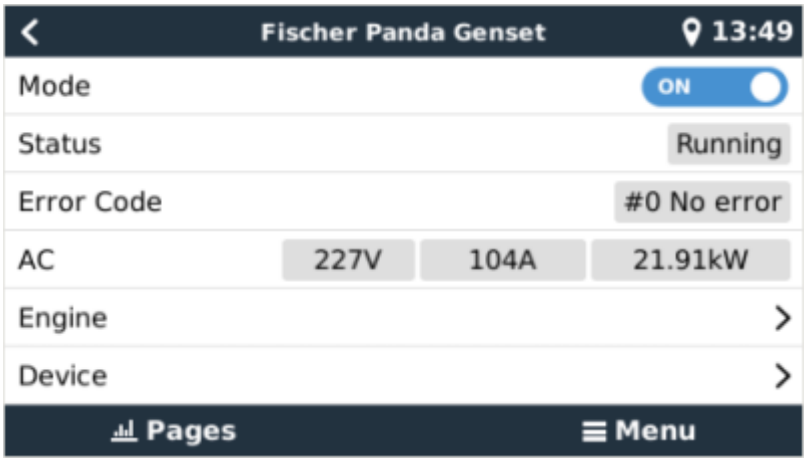


Menu

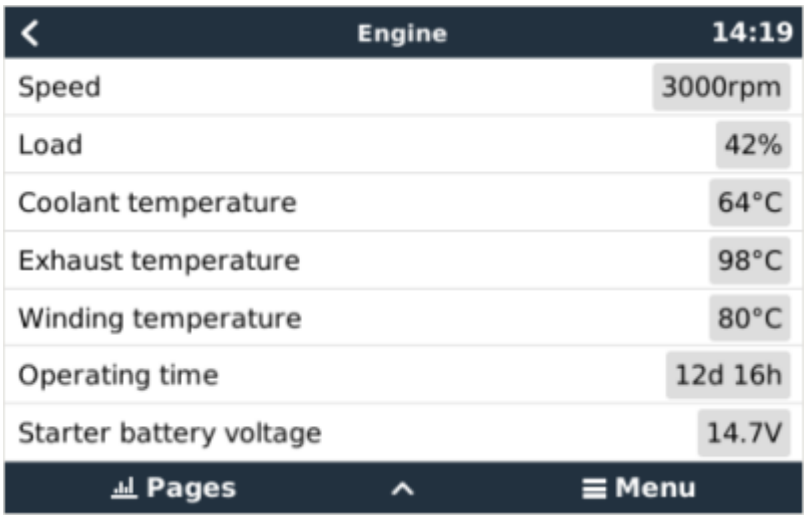
Once all wiring and setup has been correctly done, the Fischer Panda shows up in the device list:



Entering that menu shows the details, like this:

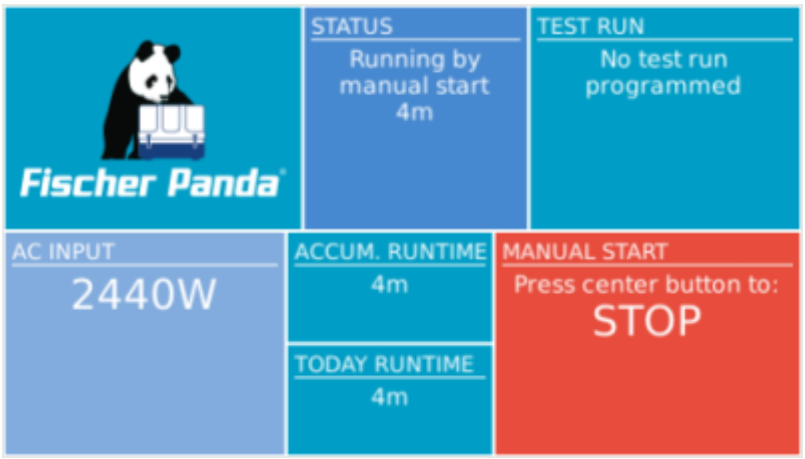


It features an on/off switch, as well as the status and the main AC parameters: voltage, current and power. Temperature, RPM and other details are available in the Engine sub menu.



Generator start/stop

Besides manual start/stop and monitoring, there is also an automatic start/stop menu. Which has the same wide range of options as the Generator start/stop mechanism that has been available with the relay. See generator_start_stop for the manual.



Maintenance

To perform maintenance to the generator, stop the generator from the Fischer Panda control panel. This disables the Fischer Panda autostart feature, which ensures that the generator cannot be remotely started, e.g. by a CCGX.

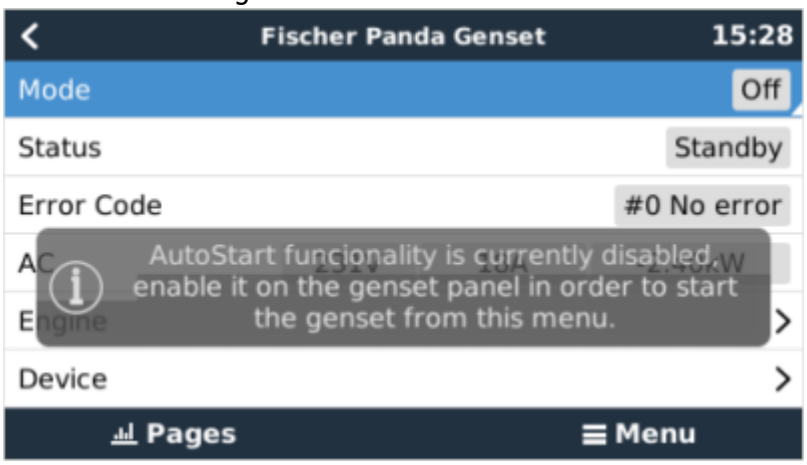
When the maintenance is completed, make sure to enable the autostart feature again. You can do this on the Fischer Panda control panel in the menu `generator → autostart → turn on / off`.

Troubleshooting

I've set the mode of the genset to 'On' or 'Auto start/stop' but the generator is not starting/running.

Make sure the Fischer Panda autostart feature is on, this allows the CCGX control the remote on/off of the genset. You can find this option on the control panel in the menu `generator → autostart → turn on / off`.

If you're manually trying to start the genset, a toast message appears with the text `AutoStart functionality is currently disabled, enable it on the genset panel in order to start the genset from this menu`.



If the generator auto start/stop is enabled, it will show error `#1 Remote switch control disabled` on the Auto start/stop page.



Disqus

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