

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)

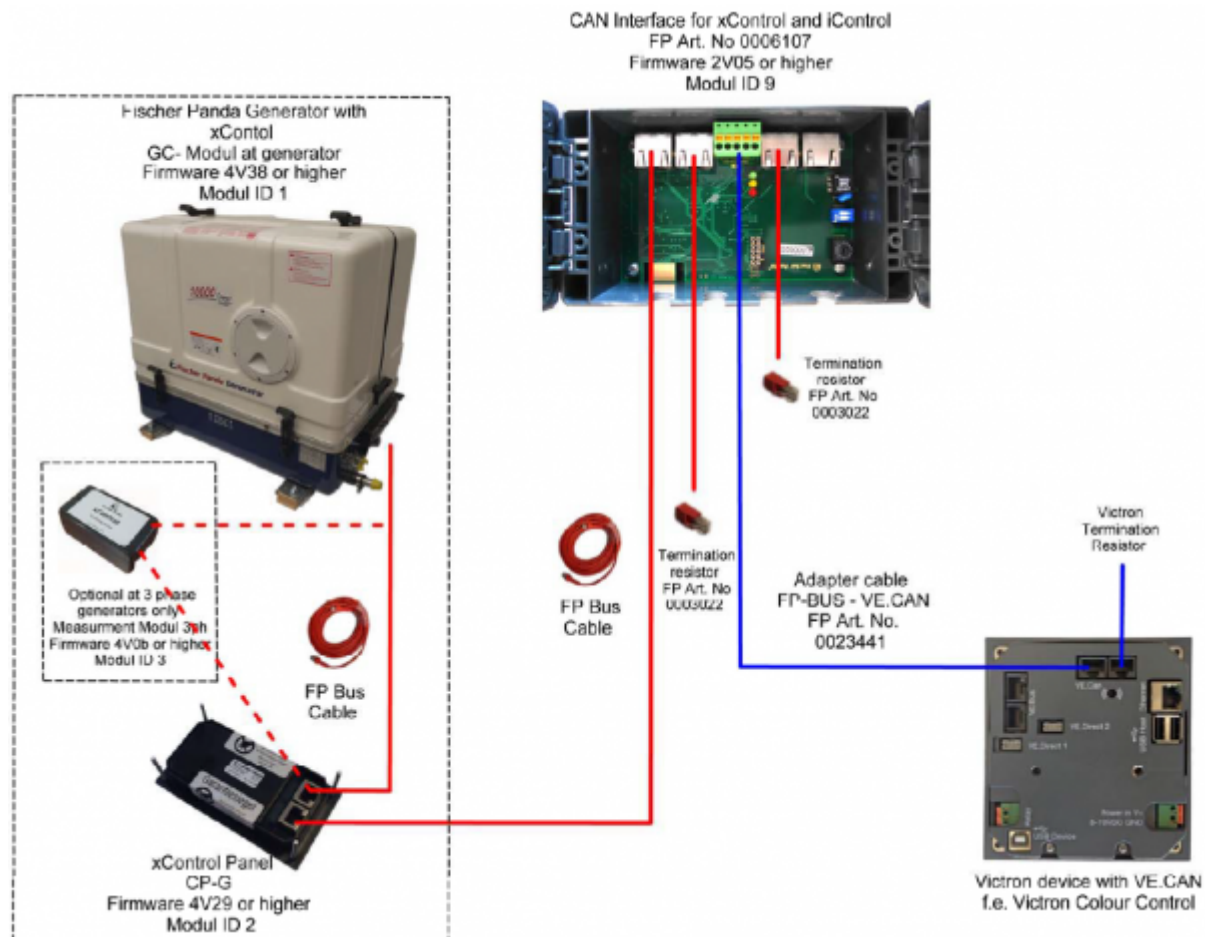
Fischer Panda Firmware requirements:

- 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

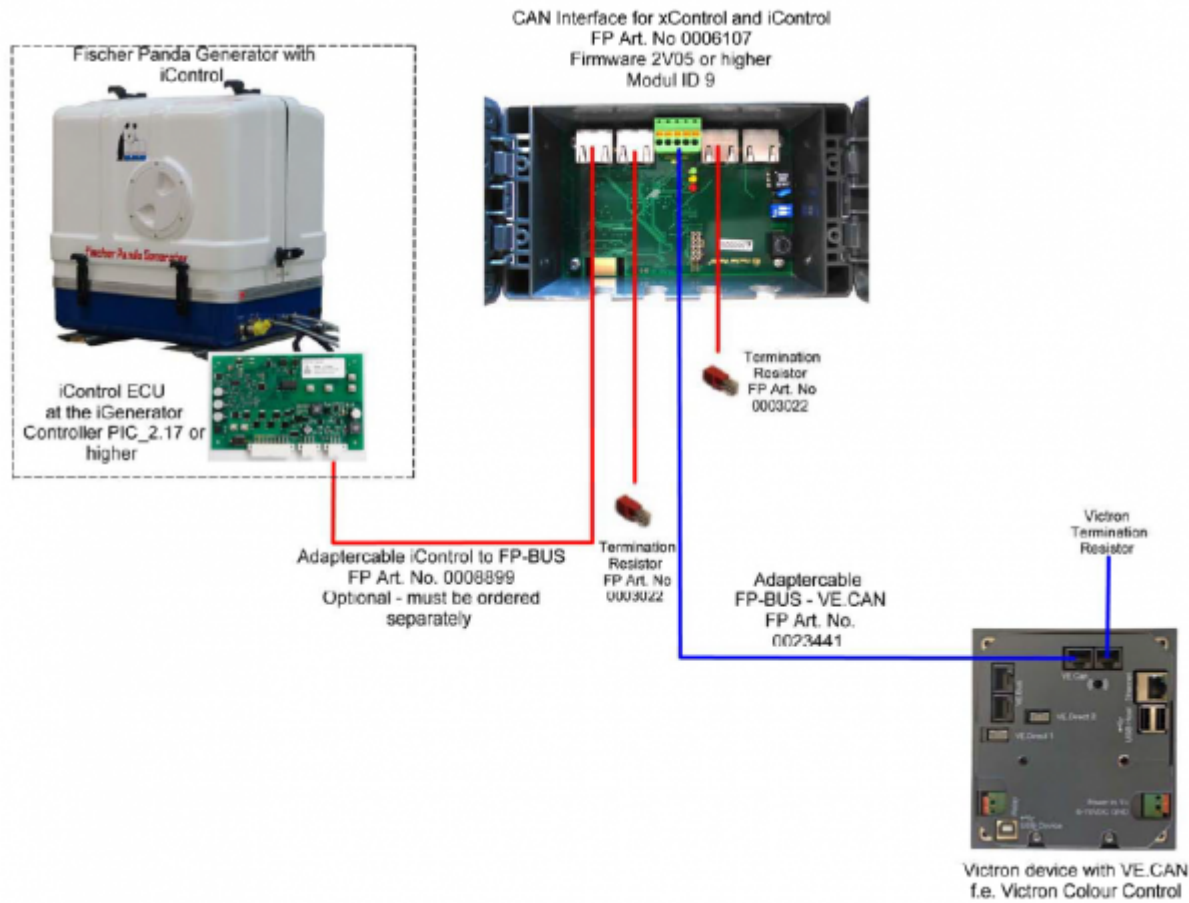
xControl

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:

Device List				📍 13:51
BMV-702	100%	53.96V	0.2A	>
BlueSolar Charger MPPT 150/70			174W	>
Fischer Panda Genset	Running	19.87kW		>
MultiPlus 48/5000/70-50		Float		>
Fresh water tank		90%		>
Black water (sewage) tank		85%		>
📄 Pages				☰ Menu

Entering that menu shows the details, like this:


Fischer Panda Genset			13:49
Mode	ON <input type="checkbox"/>		
Status	Running		
Error Code	#0 No error		
AC	227V	104A	21.91kW
Engine	>		
Device	>		
Pages		Menu	

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.

Engine		14:19
Speed	3000rpm	
Load	42%	
Coolant temperature	64°C	
Exhaust temperature	98°C	
Winding temperature	80°C	
Operating time	12d 16h	
Starter battery voltage	14.7V	
Pages		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.

 Fischer Panda	STATUS Running by manual start 4m	TEST RUN No test run programmed
	AC INPUT 2440W	MANUAL START Press center button to: STOP
	ACCUM. RUNTIME 4m	
	TODAY RUNTIME 4m	

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.

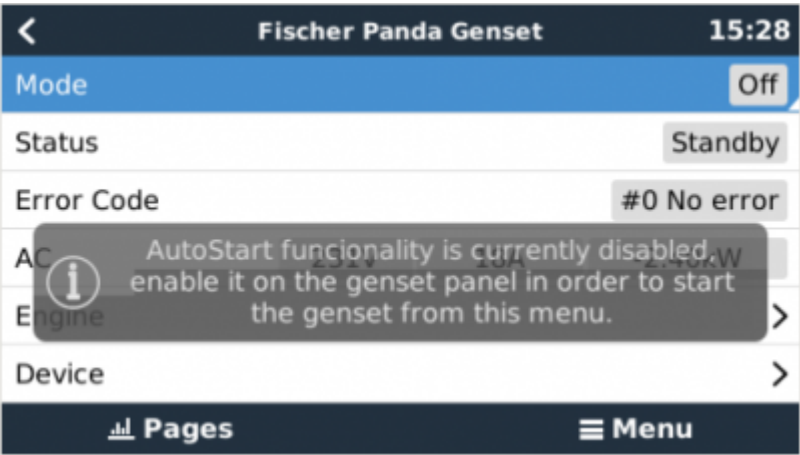
When the maintenance is completed, make sure to enable the autostart feature again. You can do this on the Fischer Panda control panel in the menu generator → autostart → turn on / off.

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

~~DISQUS~~

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