

Factory Setting ATV6xx 9xx

What is the purpose

To understand how simple and easy to reset factory ATV 6xx and 9xx

What units are effected

1. Altivar 6xx 9xx

Details

This application is divided into several parts

Section	Title
1	Parts List
2	Topology Overview
3	Step by step link setup
4	Remarks

Section 1; Parts list

Parts List table

Items used in the test

Items	Part numbers	Description
Altivar 630	•	
Altivar 930	•	
SoMove 2.5	•	

Continued on next page

Section 2; Topology overview (Graphic Display)

Graphic Display Terminal

Description of the Graphic Display Terminal

This Graphic Display Terminal is a local control unit which can be either plugged on the drive or mounted on the door of the wall-mounted or floor-standing enclosure. It has a cable with connectors, which is connected to the drive front Modbus serial link. The Graphic Display Terminal embeds a real time clock used for the time stamping of logged data and all other functions which require time information.

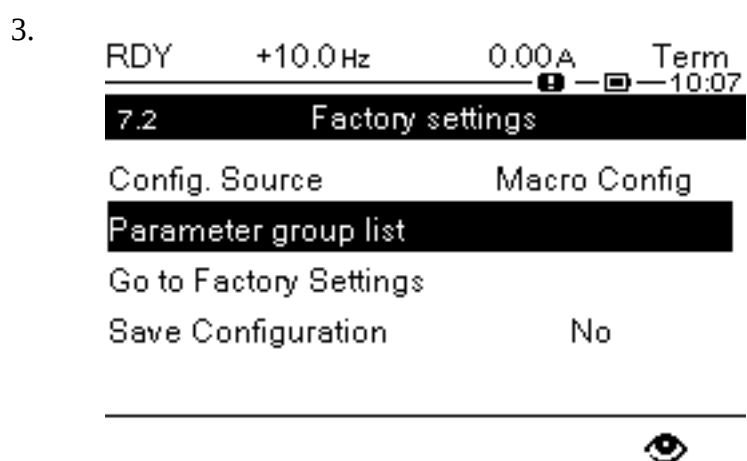
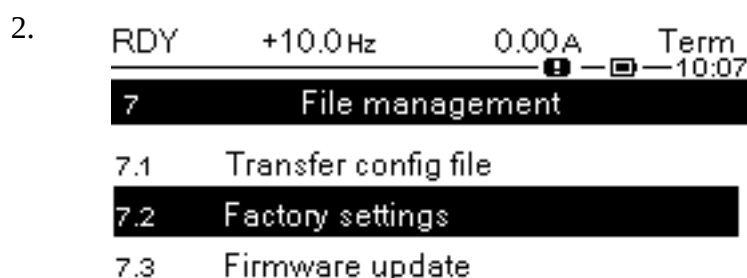
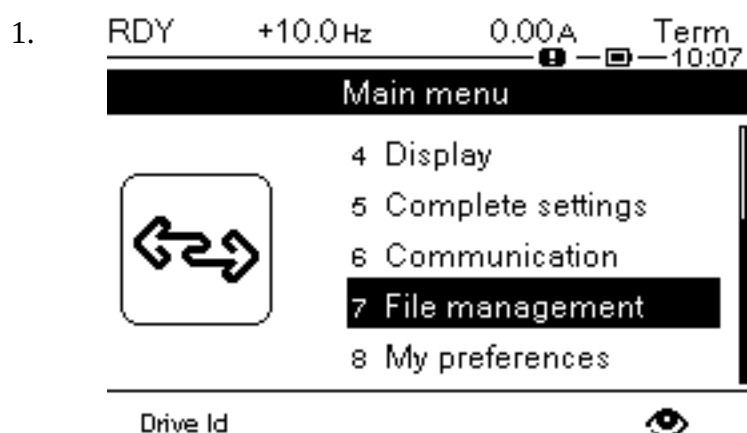


- 1 **STOP / RESET:** Stop command / apply a Fault Reset.
- 2 **LOCAL / REMOTE:** used to switch between local and remote control of the drive.
- 3 **ESC:** used to quit a menu/parameter or remove the currently displayed value in order to revert to the previous value retained in the memory
- 4 **F1 to F4:** function keys used to access drive id, QR code, quick view, and submenus. Simultaneous press of F1 and F4 keys generates a screenshot file in the Graphic Display Terminal internal memory.
- 5 **Graphic display:**
- 6 **Home:** used to access directly at the home page.
- 7 **Information:** used to have more information about menus, submenus, and parameters. The selected parameter or menu code is displayed on the first line of the information page.
- 8 **RUN:** executes the function assuming it has been configured.
- 9 **Touch wheel / OK:** used to save the current value or access the selected menu/parameter. The touch wheel is used to scroll fast into the menus. Up/down arrows are used for precise selections, right/left arrows are used to select digits when setting a numerical value of a parameter.
- 10 **RJ45 Modbus serial port:** used to connect the Graphic Display Terminal to the drive in remote control.
- 11 **MiniB USB port:** used to connect the Graphic Display Terminal to a computer.
- 12 **Battery** (10 years service life. Type: CR2032). The battery positive pole points to the front face of the Graphic Display Terminal.

NOTE: Keys 1, 8 and 9 can be used to control the drive if control via the Graphic Display Terminal is activated. To activate the keys on the Graphic Display Terminal, you first need to set **[Ref Freq 1 Config]** **F r 1** to **[Ref.Freq-Rmt.Term]** **L L L**.

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Section 1; Parts liststep by step setup by HMI



4. RDY +10.0Hz 0.00A Term 10:07

Parameter group list

All	☒
Drive configuration	☐
Motor param	☐
Comm. menu	☐
Display config.	☐

5. RDY +10.0Hz 0.00A Term 10:07

7.2 Factory settings

Config. Source Macro Config

Parameter group list

Go to Factory Settings

Save Configuration No

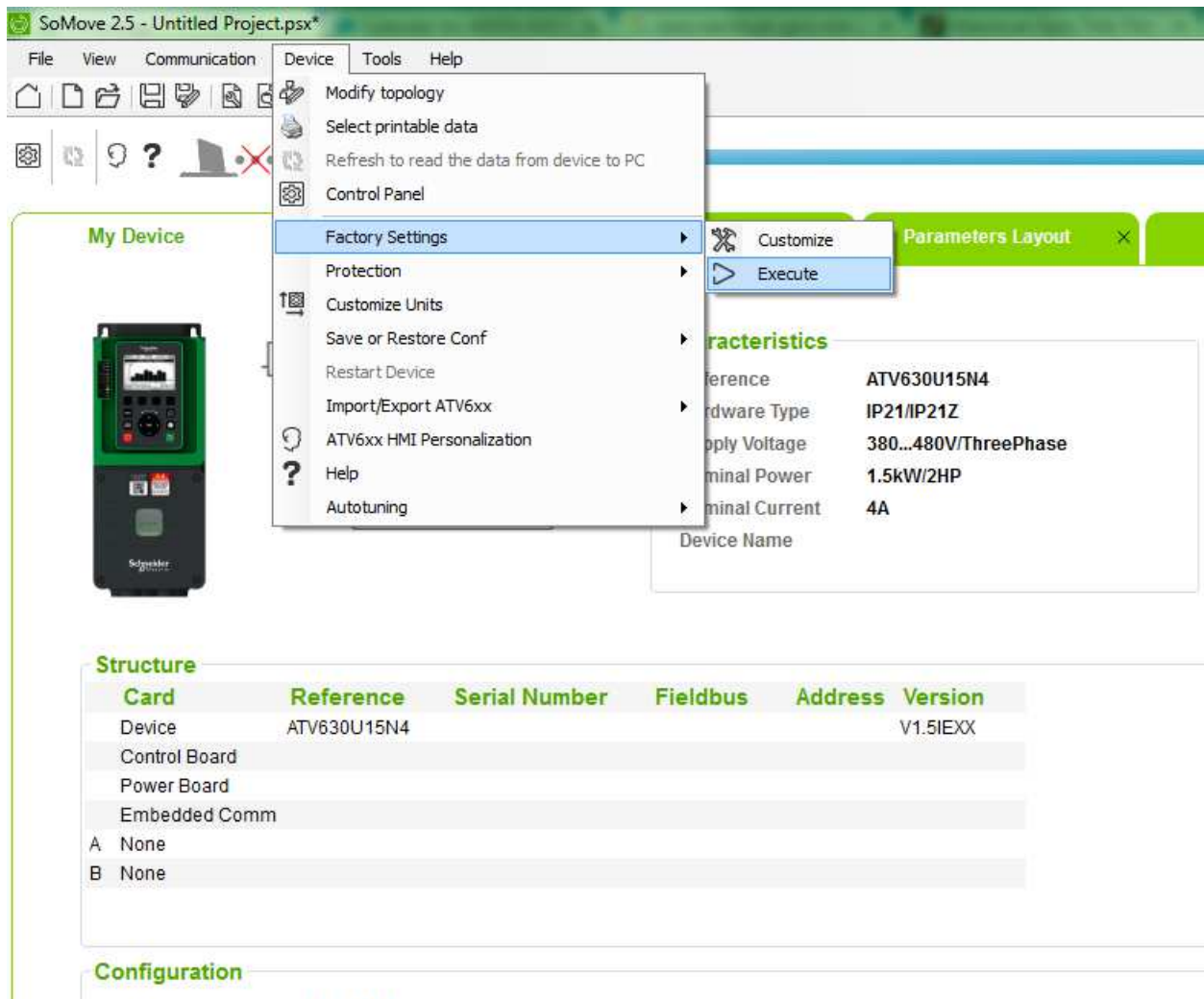
6. RDY +10.0Hz 0.00A Term 10:07

WARNING

UNANTICIPATED EQUIPMENT OPERATION

Verify that restoring the factory settings is compatible with the type of wiring used. Failure to follow these instructions can

Section 1; Parts liststep by step setup by SoMove



Section 5; Remark

Saat melakukan Factory setting, VSD harus dalam keadaan RDY. Factory setting mengembalikan semua settingan VSD ke dalam posisi default pabrik. Lakukan langkah saving konfigurasi terlebih dahulu di HMI untuk mencegah terhapusnya setting sebelumnya.