



Remote display terminal with cover open



Remote display terminal with cover closed

### Remote display terminal (1)

This terminal is used to locate the human-machine interface of the Altivar 312 drive remotely on the door of an enclosure with IP 54 or IP 65 protection.

It is used to:

- Control, adjust and configure the drive remotely
- Display the drive status and faults remotely

Its maximum operating temperature is 50°C.

#### Description

- 1 4-digit display
- 2 Navigation ▲, ▼ and selection ENT, ESC keys
- 3 Motor local control keys:
  - RUN: starts the motor
  - FWD/REV: reverses the direction of rotation of the motor
  - STOP/RESET: stops the motor/resets drive faults
- 4 Operating mode selection key MODE.
- 5 Cover for optional access to the motor local control keys.

#### References

Description	Degree of protection	Length m	Reference	Weight kg
<b>Remote display terminals</b> A remote cable must be provided, VW3 A1 104R●●	IP 54	–	<b>VW3 A1 006</b>	0.250
	IP 65	–	<b>VW3 A1 007</b>	0.275
<b>Remote cables</b> equipped with 2 RJ45 connectors		1	<b>VW3 A1 104R10</b>	0.050
		3	<b>VW3 A1 104R30</b>	0.150

### Remote graphic display terminal (2)

This graphic display terminal, common to all the variable speed drive ranges, provides a user-friendly interface for configuration, debugging and maintenance. Its main functions are as follows:

- The graphic screen displays 8 lines of 24 characters of plain text
- The navigation button provides quick and easy access to the drop-down menus
- It is supplied with six languages installed as standard (Chinese, English, French, German, Italian and Spanish). The available languages can be modified using the Multi-Loader configuration tool (VW3 A8 121).

The maximum operating temperature of the terminal is 60°C and it has IP 54 protection.

#### Description

- 1 Graphic display:
  - 8 lines of 24 characters, 240 x 160 pixels, large digit display
- 2 Function keys (not operational on the Altivar 312)
- 3 **Navigation button:** rotate ±: goes to the next/previous line, increases/decreases the value - press: saves the current value (ENT).  
**ESC** key: aborts a value, a parameter or a menu to return to the previous selection.
- 4 Motor local control keys:
  - RUN: starts the motor
  - STOP/RESET: stops the motor/resets drive faults
  - FWD/REV: reverses the motor direction of rotation
- 5 Remote graphic display terminal
- 6 Remote cable
- 7 Female/female RJ45 adaptor

#### References

Description	Item no.	Length m	Reference	Weight kg
<b>Remote graphic display terminal</b> A remote cable, VW3 A1 104R●●, and an RJ45 adaptor, VW3 A1 105, must be provided	5	–	<b>VW3 A1 101</b>	–
<b>Remote cables</b> equipped with 2 RJ45 connectors	6	1	<b>VW3 A1 104R10</b>	0.050
		3	<b>VW3 A1 104R30</b>	0.150
		5	<b>VW3 A1 104R50</b>	0.250
		10	<b>VW3 A1 104R100</b>	0.500
<b>Female/female RJ45 adaptor</b>	7	–	<b>VW3 A1 105</b>	0.010

(1) If an Altivar 31 drive is replaced by an Altivar 312 drive, the remote display terminal VW3 A1 101 can be used. Please consult the quick reference guide for this terminal, which is available on our website [www.schneider-electric.com](http://www.schneider-electric.com).

(2) The software version of the graphic display terminal must be ≥ V1.1.IE19. It can be updated using the Multi-Loader configuration tool (VW3 A8 121). See page 60423/3.



Graphic display terminal  
+ female/female RJ45 adaptor  
+ remote cable



Configuration with SoMove Mobile software for mobile phones



Configuration with Simple Loader configuration tool connected to the ATV 312



Configuration with Multi-Loader configuration tool connected to the ATV 312

#### SoMove setup software

SoMove setup software for PC is used to prepare drive configuration files. The PC can be connected to the drive:

- Directly, using the USB/RJ45 cable (TCSM CNAM 3M002P)
- Using a Bluetooth® wireless connection, via the Modbus Bluetooth® adaptor (VW3 A8 114)

See page 60205/2.

#### SoMove Mobile software for mobile phones (1)

SoMove Mobile software can be used to edit drive configurations on a mobile phone. The configurations can be saved, imported from a PC, exported to a PC or a drive equipped with the Modbus-Bluetooth® adaptor (VW3 A8 114).

The SoMove Mobile software and drive configuration files can be downloaded from our website [www.schneider-electric.com](http://www.schneider-electric.com).

#### References

Description	Reference	Weight kg
<b>SoMove Mobile software for mobile phones (1)</b> Can be downloaded from our website <a href="http://www.schneider-electric.com">www.schneider-electric.com</a> .	-	-
<b>Modbus-Bluetooth® adaptor</b> Comprises: - 1 Bluetooth® adaptor (range 10 m, class 2) with RJ45 connector - 1 x 0.1 m cable with 2 x RJ45 connectors - (2)	VW3 A8 114	0.155

#### Simple Loader and Multi-Loader configuration tools

The Simple Loader tool enables one powered-up drive's configuration to be duplicated on another powered-up drive. It is connected to the drive's RJ45 communication port.

The Multi-Loader tool enables several configurations to be copied from a PC or a powered-up drive and loaded on another powered-up drive.

It is connected to:

- A PC via a USB port
- The drive's RJ45 communication port

#### References

Description	Reference	Weight kg
<b>Simple Loader configuration tool</b> Supplied with a connection cable equipped with 2 RJ45 connectors.	VW3 A8 120	-
<b>Multi-Loader configuration tool</b> Supplied with: - 1 cable equipped with 2 RJ45 connectors - 1 cable equipped with one type A USB connector and one mini B USB connector - 1 x 2 GB SD memory card - 1 x female/female RJ 45 adaptor - 4 AA/LR6 1.5 V batteries	VW3 A8 121	-

(1) SoMove Mobile software requires a mobile phone with minimum features, please consult our website [www.schneider-electric.com](http://www.schneider-electric.com)

(2) It also includes other elements for connecting compatible Schneider Electric devices.