

Plain text display terminal

Plain text display terminal

The plain text display terminal can be ordered separately, and can be:

- Connected and mounted on the front of the drive
- Connected and mounted on an enclosure door using a remote-mounting accessory

This terminal is used to:

- Control, adjust, and configure the drive
- Display current values (motor, I/O, and machine data)
- Store and download configurations (several configuration files can be stored in the memory)
- Duplicate the configuration of one powered-up drive on another powered-up drive

Other features:

- Displaying the Device - Web server matching password; a display terminal is required to log in to the Web server for the first time.
- Realtime clock providing data acquisition and event time stamping functions
- 2 lines
- Languages (Chinese, English, French, German, Italian, Spanish)
- White backlit LCD screen
- Operating range: -15...50 °C/+5...122 °F
- IP 21 protection
- Removable, easily plug-in with RJ45 port

Description

The front of the display terminal comprises:

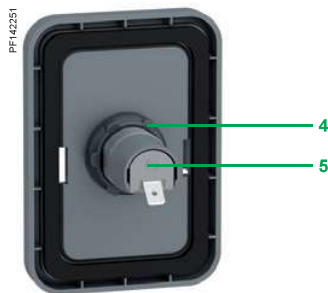
- 1 LCD backlight screen
- 2 OK button: saves the current value (ENT)
- 3 RUN button: local control of motor run command
- 4 STOP/RESET button: local control of motor stop command/clearing detected errors
- 5 ESC button: aborts a value, parameter, or menu to return to the previous selection
- 6 Home: root menu
- 7 Turn ±: round scroll navigation, increases or decreases the value, goes to the next or previous line

References

Description	Reference	Weight kg/ lb
Plain text display terminal	VW3A1113	0.200/ 0.441



Remote-mounting kit for mounting plain text display terminal on enclosure door (front panel)



Remote-mounting kit for mounting plain text display terminal on enclosure door (rear panel)

Mounting kit for plain text display terminal

- Remote-mounting kit for mounting on an enclosure door with IP 43 degree of protection as standard

Description

The kit comprises:

- Tightening tool (also sold separately under the reference ZB5AZ905)

- 1 Mounting plate
- 2 RJ45 port for the plain text display terminal
- 3 Seal
- 4 Fixing nut
- 5 RJ45 port for connecting the remote-mounting cordset

Cordsets should be ordered separately depending on the length required.

Drilling a hole with a standard $\varnothing 22$ tool, as used for a pushbutton, allows the unit to be mounted without the need for a cut-out in the enclosure ($\varnothing 22.5$ mm/ $\varnothing 0.89$ in. drill hole).

An anti-rotation function is provided which works as follows: when the kit is locked on the panel tightly by the nut, the gasket on the back cannot rotate.

References

Description	Length m/ ft	IP degree of protection	Reference	Weight kg/ lb
Remote-mounting kit Order with remote-mounting cordset VW3A1104R●●●	–	43	VW3A1114	–
Tightening tool for remote-mounting kit	–	–	ZB5AZ905	0.016/ 0.035
Remote-mounting cordset equipped with 2 RJ45 connectors	1/ 3.28	–	VW3A1104R10	0.050/ 0.110
	3/ 9.84	–	VW3A1104R30	0.150/ 0.331
	5/ 16.40	–	VW3A1104R50	0.250/ 0.551
	10/ 32.81	–	VW3A1104R100	0.500/ 1.102



Graphic display terminal VW3A1111



Detected fault: The screen's red backlight is activated automatically

Graphic display terminal

This terminal can be:

- Connected and mounted on an enclosure door using a remote-mounting accessory
- Connected to a PC to exchange files via a Mini USB/USB connection (1)
- Connected to several drives in multidrop mode (see page 27)

This terminal is used to:

- Control, adjust, and configure the drive
- Display current values (motor, I/O, and machine data)
- Display graphic dashboards such as the energy consumption monitoring dashboard
- Store and download configurations (several configuration files can be stored in the 16 MB memory)
- Duplicate the configuration of one powered-up drive on another powered-up drive
- Copy configurations from a PC or drive and duplicate them on another drive (the drives should be powered on for the duration of the duplication operations)

Other characteristics:

- Up to 24 languages (complete alphabets) covering the majority of countries around the world (languages can be removed, added and updated according to user needs; please consult our website www.schneider-electric.com)
- 2-color backlit display (white and red); if an error is detected, the red backlight is activated automatically (function can be disabled)
- Operating range: -15...50 °C/+5...122 °F
- Degree of protection: IP 65
- Trend curves: Graphic display of changes over time in monitoring variables, energy data, and machine data
- Realtime clock with 10-year backup battery providing data acquisition and event time stamping functions even when the drive is stopped

Description

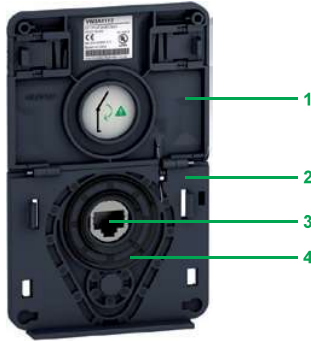
Display:

- 8 lines, 240 x 160 pixels
- Displays bar charts, gages, and trend charts
- 4 function keys to facilitate navigation and provide contextual links for enabling functions
- STOP/RESET button: Local control of motor stop command/clearing detected errors
- RUN button: Local control of motor run command
- Navigation buttons:
 - OK button: Saves the current value (ENT)
 - Turn ±: Increases or decreases the value, goes to the next or previous line
 - ESC button: Aborts a value, parameter, or menu to return to the previous selection
 - Home: Root menu
 - Information (i): Contextual help

References

Description	Reference	Weight kg/ lb
Graphic display terminal	VW3A1111	0.200/ 0.441

(1) Graphic display terminal used only as a handheld terminal.



Remote-mounting kit for mounting graphic display terminal on enclosure door (front panel)



Remote-mounting kit for graphic display terminal (rear panel)

Accessories for graphic display terminal

- Remote-mounting kit for mounting on enclosure door with IP 65/UL Type 12 degree of protection as standard

The kit comprises:

- Tightening tool (also sold separately under the reference ZB5AZ905)
- 1 Cover plate to maintain IP 65 protection when there is no terminal connected
- 2 Mounting plate
- 3 RJ45 port for the graphic display terminal
- 4 Seal
- 5 Fixing nut
- 6 Anti-rotation pin
- 7 RJ45 port for connecting the remote-mounting cordset (10 m/32.81 ft maximum) Cordsets should be ordered separately depending on the length required.
- 8 Grounding connector

Drilling a hole with a standard Ø 22 tool, as used for a pushbutton, allows the unit to be mounted without the need for a cut-out in the enclosure (Ø 22.5 mm/Ø 0.89 in. drill hole).

References

Description	Length m/ ft	IP	Reference	Weight kg/ lb
Remote-mounting kit Order with remote-mounting cordset VW3A1104R●●●	–	65/UL Type 12	VW3A1112	–
Tightening tool for remote-mounting kit	–	–	ZB5AZ905	0.016/ 0.035
Remote-mounting cordset equipped with 2 RJ45 connectors	1/ 3.28	–	VW3A1104R10	0.050/ 0.110
	3/ 9.84	–	VW3A1104R30	0.150/ 0.331
	5/ 16.40	–	VW3A1104R50	0.250/ 0.551
	10/ 32.81	–	VW3A1104R100	0.500/ 1.102
	–	–	–	–
IP 65 remote-mounting kit for Ethernet port (1) Ø 22 RJ45 female/female adapter with seal	–	65	VW3A1115	0.200/ 0.441

Configuration tools

Connection accessories

Description	Reference	Weight kg/ lb
SoMove setup software For configuring, adjusting and debugging the Altivar Machine drive.	(2)	–
USB/RJ45 cable equipped with a USB connector and an RJ45 connector. For connecting a PC to the drive. Length: 2.5 m	TCSCNAM3M002P	–

Communication accessory

Description	Reference	Weight kg/ lb
IP 20 WiFi dongle Remote mounting of the Ethernet port for connection of WiFi equipment (PC, tablet, smartphone, etc.) powered by internal rechargeable battery	TCSEGWB13FA0	0.350/ 0.772
Modbus/Uni-Telway-Bluetooth® adapter For establishing a Bluetooth® wireless connection between drive and PC equipped with a Bluetooth® wireless link. Pack contents: ■ 1 Bluetooth® adapter (range 20 m, class 2) with an RJ45 connector ■ For SoMove: 1 x 0.1 m cordset with 2 RJ 45 connectors (3)	TCSWAAC13FB	0.032/ 0.071
USB - Bluetooth® adapter for PC Required for a PC which is not equipped with Bluetooth® technology. Connects to a USB port on the PC. Range of 10 m (class 2).	VW3A8115	0.200/ 0.441

(1) Used to connect a remote PC to the RJ45 port on an IP 21 drive mounted in an enclosure or on a wall. Drill hole with a standard Ø 22 tool, as used for a pushbutton. (Requires remote-mounting cordset VW3A1104R●●● equipped with 2 RJ45 connectors).

(2) See page 21.

(3) Also includes other components for connecting compatible Schneider Electric devices.