

[1.6 COMMAND] (CtL-)

Code	Name/Description	Adjustment range	Factory setting
F r I A I 1 A I 2 A I 3 A I 4 L C C M d b C A n n E t A P P P I P G	☐ [Ref.1 channel] ☐ [AI1] (AI1): Analog input ☐ [AI2] (AI2): Analog input ☐ [AI3] (AI3): Analog input, if VW3A3202 extension card has been inserted ☐ [AI4] (AI4): Analog input, if VW3A3202 extension card has been inserted ☐ [HMI] (LCC): Graphic display terminal ☐ [Modbus] (Mdb): Integrated Modbus ☐ [CANopen] (CAn): Integrated CANopen ☐ [Com. card] (nEt): Communication card (if inserted) ☐ [C.Insid. card] (APP): Controller Inside card (if inserted) ☐ [RP] (PI): Frequency input, if VW3A3202 extension card has been inserted, ☐ [Encoder] (PG): Encoder input, if encoder card has been inserted		[AI1] (AI1)
r I n n O Y E S	☐ [RV Inhibition] ☐ [No] (nO) ☐ [Yes] (YES) Inhibition of movement in reverse direction, does not apply to direction requests sent by logic inputs. - Reverse direction requests sent by logic inputs are taken into account. - Reverse direction requests sent by the graphic display terminal are not taken into account. - Reverse direction requests sent by the line are not taken into account. - Any reverse speed reference originating from the PID, summing input, etc., is interpreted as a zero reference (0 Hz).		[No] (nO)
P S t n O Y E S	☐ [Stop Key priority] ☐ [No] (nO) ☐ [Yes] (YES): Gives priority to the STOP key on the graphic display terminal when the graphic display terminal is not enabled as the command channel. Press and hold down ENT for 2 seconds in order for any change in the assignment of [Stop Key priority] (PSt) to be taken into account. This will be a freewheel stop. If the active command channel is the graphic display terminal, the stop will be performed according to the [Type of stop] (Stt) page <u>141</u> irrespective of the configuration of [Stop Key priority] (PSt).		[Yes] (YES)
C H C F S E 8 S I n S E P I O	☐ [Profile] ☐ [8 serie] (SE8): ATV58 interchangeability (see Migration Manual). The [8 serie] (SE8) configuration is used to load, via PowerSuite, for example, an ATV58 drive configuration in an ATV71 that has already been set to this configuration. This assignment cannot be accessed if a Controller Inside card has been inserted.  Note: Modifications to the configuration of the ATV71 must only be made using PowerSuite when it is in this configuration, otherwise operation cannot be guaranteed. ☐ [Not separ.] (SIM): Reference and command, not separate ☐ [Separate] (SEP): Separate reference and command. This assignment cannot be accessed in [I/O profile] (IO). ☐ [I/O profile] (IO): I/O profile When [8 serie] (SE8) is selected and [I/O profile] (IO) is deselected, the drive automatically returns to the factory setting (this is mandatory). This factory setting only affects the [1 DRIVE MENU] menu. It does not affect either [1.9 COMMUNICATION] or [1.5 PROGRAMMABLE CARD]. - With the graphic display terminal, a screen appears to perform this operation. Follow the instructions on the screen. - With the integrated display terminal, press ENT and hold it down (for 2 s). This will save the selection and return to the factory setting.		[Not separ.] (SIM)

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As the graphic display terminal may be selected as the command and/or reference channel, its action modes can be configured. The parameters on this page can only be accessed on the graphic display terminal, and not on the integrated display terminal.

Comments:

- The display terminal command/reference is only active if the command and/or reference channels from the terminal are active with the exception of **[T/K]** (command via the display terminal), which takes priority over these channels. Press **[T/K]** (command via the display terminal) again to revert control to the selected channel.
- Command and reference via the display terminal are impossible if the latter is connected to more than one drive.
- The JOG, preset speed and +/- speed functions can only be accessed if **[Profile] (CHCF)** = **[Not separ.] (SIM)**.
- The preset PID reference functions can only be accessed if **[Profile] (CHCF)** = **[Not separ.] (SIM)** or **[Separate] (SEP)**.
- The **[T/K]** (command via the display terminal) can be accessed regardless of the **[Profile] (CHCF)**.

Name/Description	Adjustment range	Factory setting
☐ [F1 key assignment] ☐ [No] : Not assigned ☐ [Jog] : JOG operation ☐ [Preset spd2] : Press the key to run the drive at the 2 nd preset speed [Preset speed 2] (SP2) page 148. Press STOP to stop the drive. ☐ [Preset spd3] : Press the key to run the drive at the 3 rd preset speed [Preset speed 3] (SP3) page 148. Press STOP to stop the drive. ☐ [PID ref. 2] : Sets a PID reference equal to the 2 nd preset PID reference [Preset ref. PID 2] (rP2) page 181, without sending a run command. Only operates if [Ref.1 channel] (Fr1) = [HMI] (LCC) . Does not operate with the [T/K] function. ☐ [PID ref. 3] : Sets a PID reference equal to the 3 rd preset PID reference [Preset ref. PID 3] (rP3) page 181, without sending a run command. Only operates if [Ref.1 channel] (Fr1) = [HMI] (LCC) . Does not operate with the [T/K] function. ☐ [+speed] : Faster, only operates if [Ref.2 channel] (Fr2) = [HMI] (LCC) . Press the key to run the drive and increase the speed. Press STOP to stop the drive. ☐ [- speed] : Slower, only operates if [Ref.2 channel] (Fr2) = [HMI] (LCC) and if a different key has been assigned to [+ speed] . Press the key to run the drive and decrease the speed. Press STOP to stop the drive. ☐ [T/K] : Command via the display terminal: takes priority over [Cmd switching] (CCS) and over [Ref. 2 switching] (rFC) .		[No]
☐ [F2 key assignment] Identical to [F1 key assignment] .		[No]
☐ [F3 key assignment] Identical to [F1 key assignment] .		[No]
☐ [F4 key assignment] Identical to [F1 key assignment] .		[No]
☐ [HMI cmd.] When the [T/K] function is assigned to a key and that function is active, this parameter defines the behavior at the moment when control returns to the graphic display terminal. ☐ [Stop] : Stops the drive (although the controlled direction of operation and reference of the previous channel are copied (to be taken into account on the next RUN command)). ☐ [Bumpless] : Does not stop the drive (the controlled direction of operation and the reference of the previous channel are copied).		[Stop]