

ASCII Help File

Art: # 60864811



The ASCII help file contains the same information as the old .PDF Format document.

Advantages are:

- Links, to find the information that you need quicker
- ASCII Objects sorted by, alphabetic, groups and object numbers
- Quick full text search in the document
- Contains the English and the German description

It is done as Windows HTML-help file (chm). Minimum requirement is Windows 98, works also under NT, 2000 and XP. Some newer versions of Windows 95 also support the chm-files.

You can copy the file in a folder you want and start the file by double clicking. You can also use a link to the file.

In the documentation, you have links from the sorted ASCII commands to the detail description window. In the description, you have also direct links to the other descriptions. You have also links from the short description window on the bottom of the page to the detail description window. On the left hand side, you have the full text search, that can be switched off and on if needed.

The screenshot shows the 'ASCII Documentation' window. On the left, there is a search bar and a list of ASCII commands. The main area is divided into two panes. The top pane shows the 'ASCII Object Reference' for the 'ACC' command, including its syntax, type, range, and function group. The bottom pane shows the 'Short Description' and 'Description' for the 'ACC' command.

ASCII - Command	ACC	Also available in	
Syntax Transmitt	ACC [Data]	MMI	Yes
Syntax Receive	ACC +Data	CARTRON	Yes
Type	Variable	PROFIBUS	Yes
ASCII Format	Integer16	Serial	No
MMI	Miscellaneous	DPF	Yes
Range	1 - 32767		
Default	10		
Opcode	0, 1, 8	Configuration	No
Drive State	-		
Start Firmware	1.06		
Object Number	1		
Data Type	Integer16		
EMSGPR			
Highlighting			
MMI Name	Setp. Ramp +	Last Change of this Object	1.3
Function Group	Speed Controller	EEPROM	Yes

Short Description Acceleration Ramp

Description
The ACC command defines the acceleration ramp for the speed control loop (in msec) referred to the maximum speed (the larger value of **VLM** and **VLIM**). The ACC acceleration ramp is only used for setpoint step changes that result in a speed increase (acceleration). The **DEC** parameter is used for braking (deceleration).
For a setpoint step from 0 to **VLM**/**VLIM**, the ramp generator generates a stepped ramp (with steps of 250 microseconds) that is completed within the set ACC time.

Selection of Remote Address

ACC	Acceleration Ramp
ACC0	Acceleration Ramp for freerunning modes
ACC001	Type of acceleration setpoint for the system