

Operating Instructions Service Tool

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1 Content

1	Content	2
2	Introduction.....	3
3	Function of the keys	3
4	Parameter settings	4
5	Menu.....	4
5.1	Menu-Overview	5
5.1.1	Quick-Step-Menu.....	6
5.1.2	General-Setup-Menu	7
5.1.3	Monitor-Menu.....	8
5.1.4	Service-Menu.....	9
5.2	Ident-Numbers.....	10
5.3	Adjustment log	10
6	Notes.....	11

2 Introduction

The Service Tool user terminal can be used for the input of movement commands, for changing the movement parameters and for the selection of generated parameters, door conditions, input and output signals as well as service data.

The connection to the Service Tool is made by connecting the appropriate cable to the X8 plug connector of the controller.

The controller cover of the does not have to be opened.

The controller movement commands over the X6 terminal strip inputs are blocked if the user terminal is in the quick adjustment or overall adjustment menu.



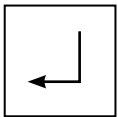
WARNING

The Service Tool user terminal may only be used by qualified personnel.

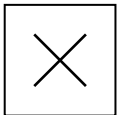
The personnel must be thoroughly familiar with all warnings and notices as well as the functions in accordance with the AT18 operating instructions.

3 Function of the keys

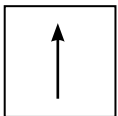
The user terminal keys have following markings and meanings.



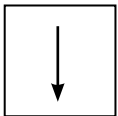
Confirmation button, jump to the next lower menu level.



Escape button, return to the above menu



Menu selection button, increases the parameter value






Menu selection button, decreases the parameter value

4 Parameter settings

Parameters changes can be made in the menus “MAIN MENU-QUICK AJUSTMENT → *Parameter adjustment*” and “MAIN MENU-OVERALL ADJUSTMENT → *Profile parameter*”.

These should only be made with the door closed, since they are not otherwise immediately transferred to the parameter memory.

The desired parameter is selected with the  or  key and activated with the confirmation key  (parameter value flashes).

With the help of the appropriate key (see above) the parameter value can be increased or decreased.

The setting of the value takes place by repeat pressing the confirmation key.

After acceptance the value no longer flashes and the next parameter can be selected or you can exit the menu.



NOTE

Parameter changes are only accepted with the door closed.

If the lift door is not closed, the notice text “value activation with door closed” appears in the display.

The original value is displayed and the new value is stored until the door reaches the CLOSED position.

Several parameters can be changed while the door is open, they will be activated together when reaching the CLOSED position.



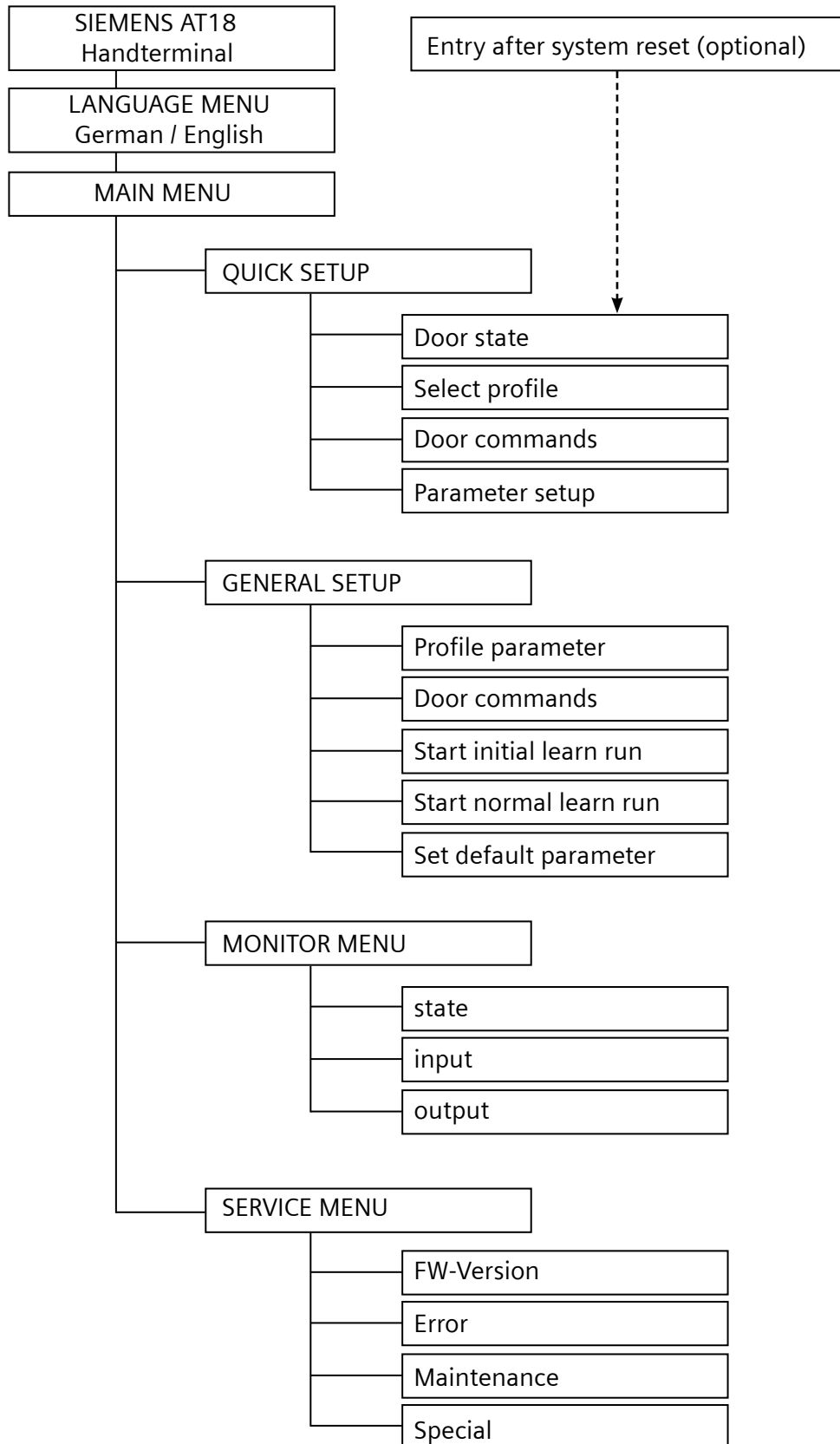
WARNING

After changing the lift door parameters, the permissible forces and energies of the heaviest door in the system (lift) are to be checked by the service staff and adjusted if the maximum allowable values are exceeded.

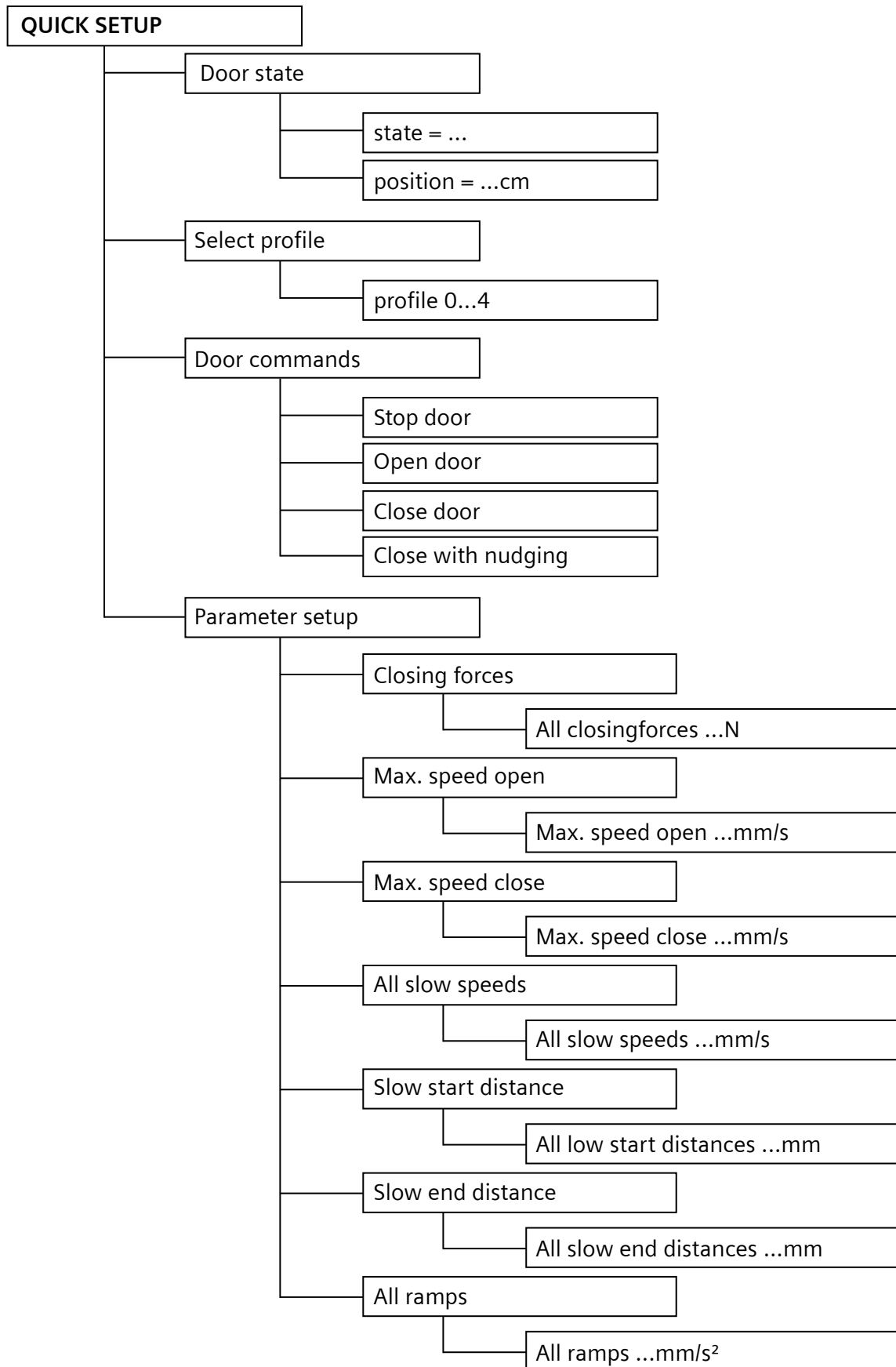
5 Menu

The following menu options described depend on the firmware version of the AT18 controller. The menus represented here refer to the firmware version V.1.25.

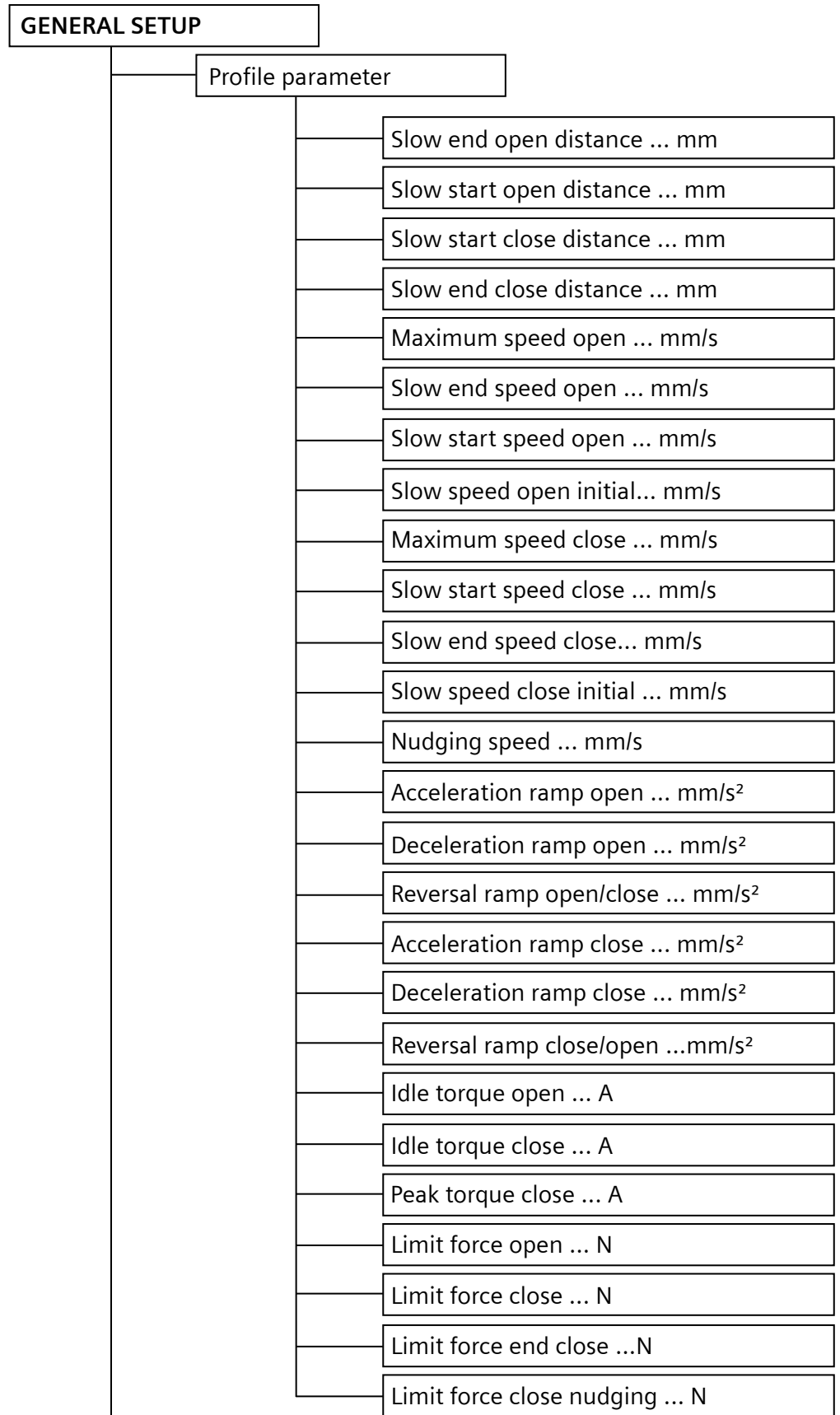
5.1 Menu-Overview



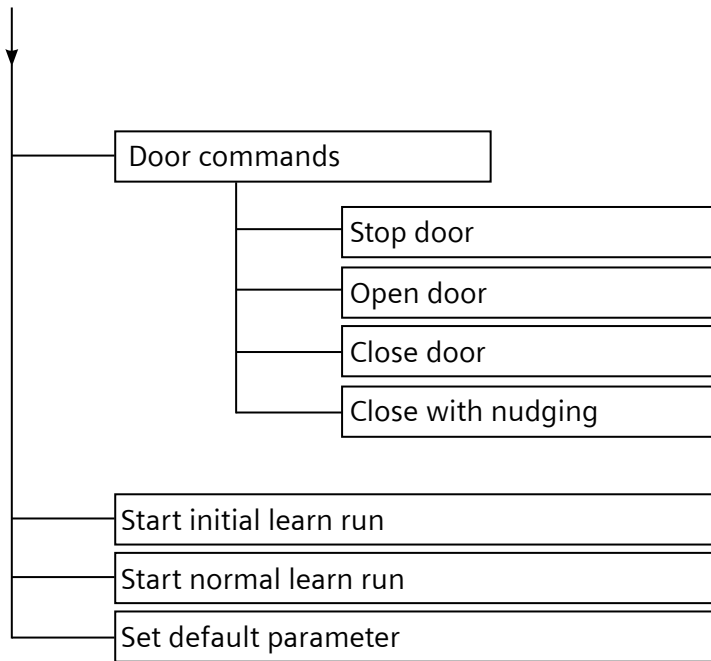
5.1.1 Quick-Step-Menu



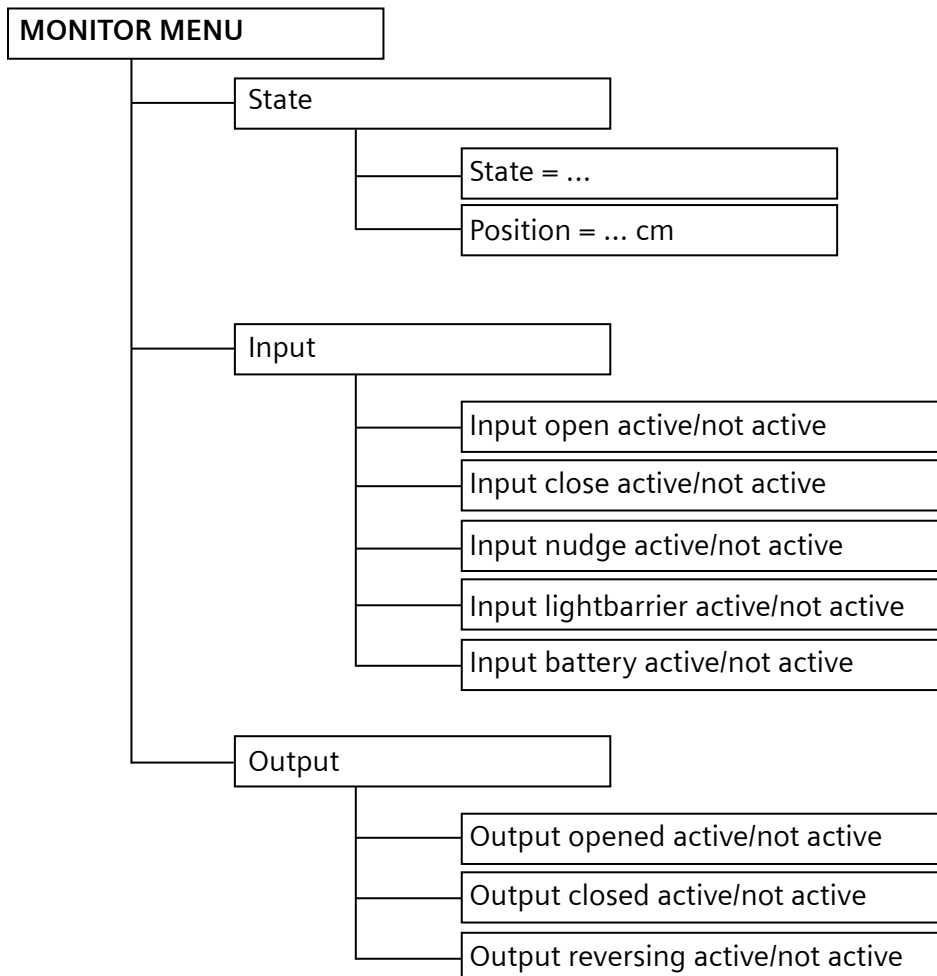
5.1.2 General-Setup-Menu



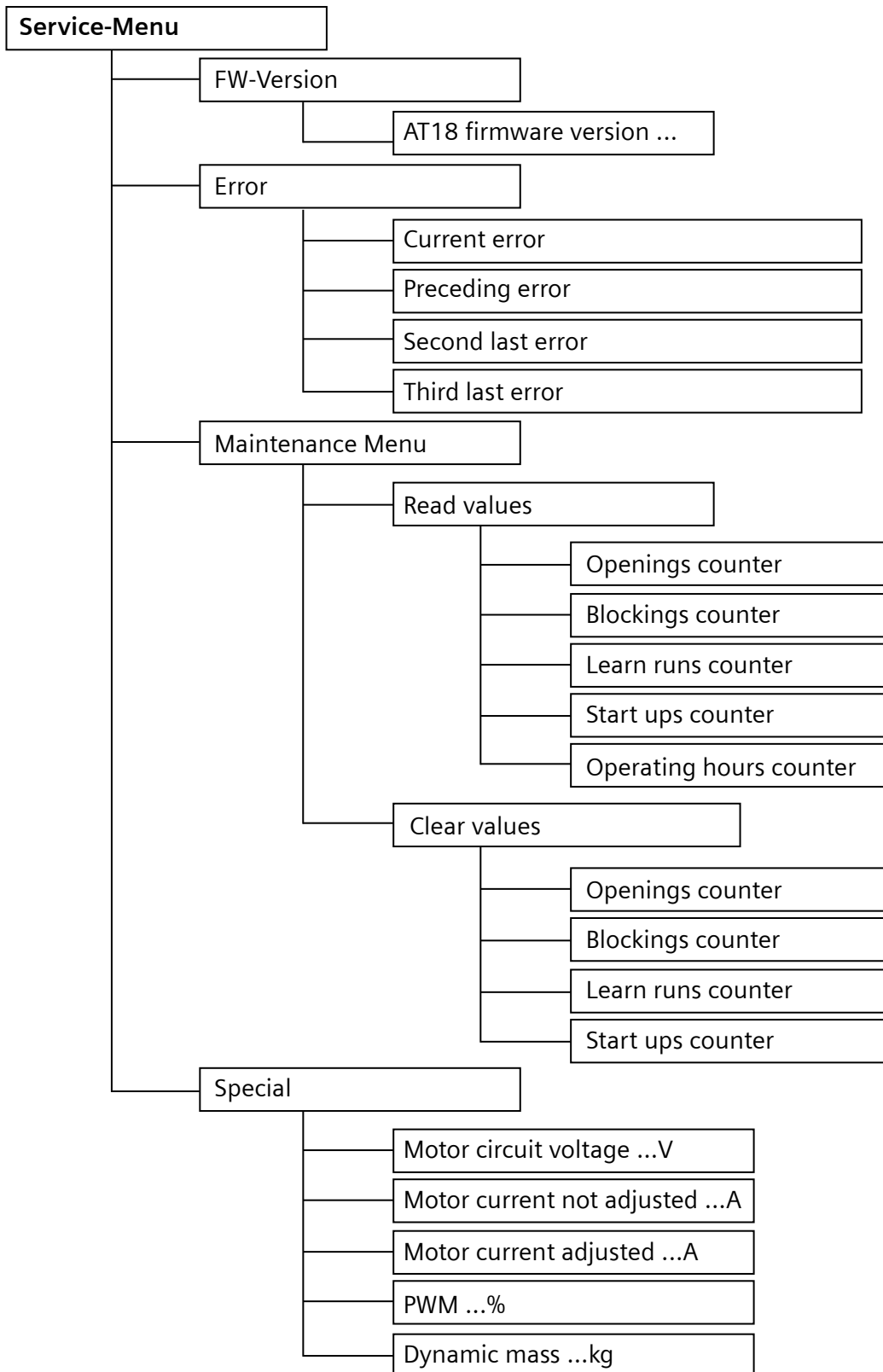
next page



5.1.3 Monitor-Menu



5.1.4 Service-Menu



5.2 Ident-Numbers

Service Tool with connection cable
Service Tool connection cable

A2B00043033
A2B00035814

5.3 Adjustment log

Please have available when contacting the Hotline!

Hotline: +49 (511) 877-14 71

Fax: +49 (511) 877-16 30

Function	Adjustment range	Factory setting	Value set
Slow end open distance	0... 100 mm	30 mm	mm
Slow start open distance	0... 100 mm	30 mm	mm
Slow start close distance	0... 100 mm	20 mm	mm
Slow end close distance	0... 100 mm	40 mm	mm
Maximum speed open	100... 800 mm/s	700mm/s	mm/s
Slow end speed open	30... 90 mm/s	40 mm/s	mm/s
Slow start speed open	30... 90 mm/s	60 mm/s	mm/s
Slow speed open initial	30... 90 mm/s	90 mm/s	mm/s
Maximum speed close	100... 500 mm/s	319 mm/s	mm/s
Slow start speed close	30... 90 mm/s	60 mm/s	mm/s
Slow end speed close	30... 90 mm/s	40 mm/s	mm/s
Slow speed close initial	30... 90 mm/s	90 mm/s	mm/s
Nudging speed	50... 250 mm/s	150 mm/s	mm/s
Acceleration ramp open	300... 1400 mm/s ²	1300 mm/s ²	mm/s ²
Deceleration ramp open	300... 1400 mm/s ²	600 mm/s ²	mm/s ²
Reversal ramp open/close	300... 1400 mm/s ²	1200 mm/s ²	mm/s ²
Acceleration ramp open	300... 1400 mm/s ²	500 mm/s ²	mm/s ²
Deceleration ramp close	300... 1400 mm/s ²	500 mm/s ²	mm/s ²
Reversal ramp close/open	300... 1400 mm/s ²	850 mm/s ²	mm/s ²
Idle torque open (current)	0... 3,5 A	0,7 A	A
Idle torque close (current)	0... 2,5 A	0,7 A	A
Peak torque close (current)	0... 10 A	3,0 A	A
Limit force open	70... 300 N	300 N	N
Limit force close	70... 230 N	90 N	N
Limit force end close	70... 230 N	90 N	N
Limit force nudging	70... 230 N	90 N	N

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