MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6SE7098-0XX84-0AH0

MS300 BLANK EPROM MEMORY MODULE

Used with the applicable SIMOVERT MASTERDRIVES T300 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens MASTERDRIVES T300 technology packages, ordering table and Table 1.2.3: blank MS300 and programming components.

15 Order numbers

Type:	Order No. (MLFB)	Designation
T300- HW package	6SE7090-0XX87-4AH0	Hardware package (complete, without software (MSxxx)!)
T300	6SE7090-0XX84-0AH2	T300 processor board
SE300	6SE7090-0XX84-3EH0	Terminal function block for T300
SC58	6DD 3461-0AB0	Round cable to transfer analog- and pulse encoder signals between SE300 and T300, shielded, 40 core
SC60	6DD 3461-0AE0	Round cable to transfer binary signals between SE300 and T300, shielded, 34-core
MS300	6SE7098-**0**XX84-0AH0	MS300 memory module, empty
MS320	6SE7098-2XX84-0AH0	MS300 memory module with standard software package „Axial winder“ AW
MS340	6SE7098-4XX84-0AH0	MS300 memory module with standard software package „Angular synch.“ WGL
MS360	6SE7098-6XX84-0AH0	S300 memory module with standard software package „Multi-motor drive“ MMA
MS380	6SE7098-8XX84-0AH0	S300 memory module with standard software package „Positioning“ POS
Doc. T300	6SE70**87**-**6**CX84-0AH1	Description of the T300 board and general software **(dt.,engl.)**
Doc. T300	6SE70**87**-**7**CX84-0AH1	Description of the T300 board and general software **(fr.)**
Dok. AW	6SE70**80**-**0**CX84-**2**AH1	Description, standard app. software. axial winder **(dt.)**
Dok. WGL	6SE7080-0CX84-**4**AH1	Description, standard app. software. ang. synch. **(dt.)**
Dok. MMA	6SE7080-0CX84-**6**AH1	Description, standard app. software.multi-motor drive **(dt.)**
Dok. POS	6SE7080-0CX84-**8**AH1	Description, standard app. software. positioning **(dt.)**
Doc. AW	6SE70**87**-**6**CX84-**2**AH1	Description, standard app. software. axial winder **(engl.)**
Doc. WGL	6SE7087-6CX84-**4**AH1	Description, standard app. software. ang. synch. **(engl.)**
Doc. MMA	6SE7087-6CX84-**6**AH1	Description, standard app. software.multi-motor drive **(engl.)**
Doc. POS	6SE7087-6CX84-**8**AH1	Description, standard app. software. positioning **(engl.)**
Doc. WGL	6SE70**87**-**7**CX84-**4**AH1	Description, standard app. software. ang. synch. **(fr.)**

1.2.3 Standard software package on floppy disk

The source codes of the MS320 standard software package are available as STRUC files on floppy disk (designation, MD320). When required, the angular synchronous control function can be adapted to specific requirements using conventional SIMADYN D resources.

Components to adapt the standard software package with STRUC:

Designation	Explanation	MLFB / Order No.
MD320	MS320 angular synchronous control on a $3^1/_2$ inch floppy disk (without documentation)	6SW1798-2XX84-0AH0
MS300	EPROM for T300 -**empty**-	6SE7098-0XX84-0AH0
PP1X	Parallel Programmer (PC-) external	6DD1672-0AD0
UP3	Programming adapter for MS47/MS300	6DD3462-0AB0
STRUC	A STRUC version 4.2.4 or higher is required	Refer to Catalog DA99
	If required, start-up program (SIMOVIS, IBS/SERVICE-program)	Refer to Catalog DA99

Table 1.2.3: Components to adapt the standard software package using STRUC

1.2.4 Interface board

For all applications, which require a coupling between the SIMOVERT 6SE70/71 drive converter units (with or without technology board) to a higher-level automation system, then various interface boards are used, depending on the bus protocol used. Thus, it is possible to read and change setpoints and actual values, technological- and basic drive converter parameters from the automation system.

PROFIBUS DP is the preferred communications type. Interface modules CBP with ADP or CB1 are required.