



Compact PLUS units
Compact and chassis units

SIMOVERT MASTERDRIVES Vector Control Documentation and Training

Documentation for Compact PLUS and compact
and chassis units – Operating instructions

Converters and inverters

Type of unit	Size	Order No.
AC/AC Compact PLUS unit	P	6SE708□-□JP60
DC/AC Compact PLUS unit	P	6SE708□-□KP60
AC/AC compact unit	A to D	6SE708□-□JD60
AC/AC chassis unit	E to K	6SE708□-□JK60
DC/AC compact unit	A to D	6SE708□-□KD60
AC/AC chassis unit	E to Q	6SE708□-□KN60
German / English		7 6
Italian / English		7 2
French / English		7 7
Spanish / English		7 8
Japanese		8 0

Self-commutated, pulsed rectifier/regenerative units Active Front End AFE

Type of unit	Size	Order No.
AC/DC compact unit German/English	A to D	6SE7087-6KD80
AC/DC chassis unit	E to G	6SE708□-□CX86-2AA0
AC/DC cabinet units	E to L	6SE718□-□AX80-2AA0
German		0 0
English		7 6
Italian		7 2
French		7 7
Spanish		7 8

Rectifier units

Type of unit	Size	Order No.
Compact PLUS unit	P	6SE708□-□NP85-0AA0
Compact unit	B and C	6SE708□-□AC85-0AA0
Chassis unit	E	6SE708□-□AE85-0AA0
Chassis unit	H and K	6SE708□-□AK85-0AA0
German / English		7 6
Italian		7 2
French		7 7
Spanish		7 8
Japanese		8 0

Rectifier / regenerative units

Type of unit	Size	Order No.
Compact and chassis units	C to K	6SE708□-□AK85-1AA0
German		0 0
English		7 6
Italian		7 2
French		7 7
Spanish		7 8
Japanese		8 0

System components

Components	Size	Order No.
Braking units	all	6SE708□-□CX87-2DA0
Radio-interference suppression filters	all	6SE708□-□CX87-0FB0
Sinusoidal filters	all	6SE708□-□CX87-1FC0
d/vdt filters	all	6SE708□-□CX87-1FD0
German / English		7 6
Italian		7 2
French		7 7
Spanish		7 8
Japanese		8 0

Electronics options

Electronics options	Language	Order No.
CBP2 communication board		6SE708□-□NX84-0FF0
CBC communication board		6SE708□-□NX84-0FG0
SLB communication board		6SE708□-□NX84-0FJ0
EB1 expansion board 1		6SE708□-□NX84-0KB0
EB2 expansion board 2		6SE708□-□NX84-0KC0
SBP incremental encoder board		6SE708□-□NX84-0FA0
VSB voltage sensing board		6SE708□-□NX84-1GA0
German / English		7 6
Italian / English		7 2
French / English		7 7
Spanish / English		7 8
Japanese		8 0

T100 technology board – Hardware description	Ge/En/It/Fr/Sp	6SE7080-0CX87-0BB0
T300 technology board – Hardware description	German / English French	6SE7087-6CX84-0AH1 6SE7087-7CX84-0AH1
MS320 software module axial winder, for T300	German English	6SE7080-0CX84-2AH1 6SE7087-6CX84-2AH1
Software module MS340 angular synchronous control, for T300	German English French	6SE7080-0CX84-4AH1 6SE7087-6CX84-4AH1 6SE7087-7CX84-4AH1
MS360 software module multi-motor drive, for T300	German English	6SE7080-0CX84-6AH1 6SE7087-6CX84-6AH1
MS380 software module positioning control, for T300	German English	6SE7080-0CX84-8AH1 6SE7087-6CX84-8AH1
MS 100 software module universal drive, for T100	German English	6SE7080-0CX84-0BB1 6SE7087-6CX84-0BB1
Safe Stop Board SSB	Ge/En/It/Fr/Sp	6SE7080-0AX87-1JB0
SCB1, SC11 and SC12 interface boards		6SE708□-□CX84-0BC0
SCB2 interface board		6SE708□-□CX84-0BD0
TSY synchronizing board		6SE708□-□CX84-0BA0
DTI digital tachometer interface		6SE708□-□CX84-3DB0

German / English	7 6
Italian	7 2
French	7 7
Spanish	7 8

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Documentation and Training



Documentation for Compact PLUS and compact and chassis units – Collected files · CD-ROM

Compact PLUS units
Compact and chassis units

Operating instruction library

The file is to be regarded as reference documentation and includes operating instructions for the following components:

- Converters
- Inverters
- Rectifier units¹⁾
- Rectifier/regenerative units
- Braking units¹⁾
- Output filters¹⁾
- Radio interference suppression filters¹⁾
- SCB/SCI/DTI/TSY/EB1/EB2 interface boards

- SBP incremental encoder board
- CBP/CBP2 communication boards (PROFIBUS DP)
- CBC communication board (CAN)
- SLB communication board (SIMOLINK)
- OP1S operator control panel

The operating instructions contain a description of the basic functions and installation and start-up instructions.

Language	Order No.
Collected operating instructions	
German / English	6SE7087-6NX60
Italian / English	6SE7087-2NX60
French / English	6SE7087-7NX60
Spanish / English	6SE7087-8NX60

Compendium

The Compendium contains the following:

- System description
- Configuration and connection examples
- EMC guidelines
- Function blocks and parameters
- Parameterization
- Parameterizing steps
- Functions

- Process data
- Communication SCOM 1/2 interfaces
USS protocol
PROFIBUS DP
CAN
SIMOLINK
- Annex
Function diagrams
Binector list
Connector list
Parameter list
Faults and alarms list.

Language	Order No.
Compendium	
German	6SE7080-0QX60
English	6SE7087-6QX60
Italian	6SE7087-2QX60
French	6SE7087-7QX60
Spanish	6SE7087-8QX60

CD-ROM

Language	Order No.
CD-ROM	
Ge/En/It/Fr/Sp	6SX7010-0FA10

Siemens safety engineering

Application manual "Safety Integrated"

The application manual "Safety Integrated" illustrates using technical explanations and application examples how dangers in the use of electric and electronic devices can be prevented or eliminated.

The complete CD-ROM about the safety system

The CD-ROM "Safety Integrated" offers a comprehensive overview of safety technology and the widest range of safety components, embedded at the same time in the standard world of automation.

Language	Order No.
Application manual	
German	6ZB5000-0AA01-0BA0
English	6ZB5000-0AA02-0BA0
CD-ROM Safety Integrated	
German/Englisch	E20001-D10-M103-X-7400

¹⁾ This documentation is available in French, Spanish and Italian only, i.e. not French/English, Spanish/English, Italian/English.