



Compact PLUS units Compact and chassis units

SIMOVERT MASTERDRIVES Vector Control Compact PLUS, Compact and Chassis Units

Electronics options

CBP2 communication board

CBP2 for PROFIBUS DP

The CBP2 communication board (Communication Board PROFIBUS) is for connecting SIMOVERT MASTERDRIVES to the PROFIBUS DP field bus system.

The CBP2 communication board supports the extended functionality of PROFIBUS DP, such as:

- flexible configuration of cyclic messages
- slave-to-slave communication between drives
- operation of SIMATIC OP as PROFIBUS DP master class 2

The CBP2 is fully compatible with the CBP and replaces this board.

For a more detailed description of communication via PROFIBUS DP and integration of the CBP or CBP2 boards in the electronics box, see Engineering Information.

When ordering the board, the order number of the compact and chassis units is to be supplemented with "-Z" and the corresponding code for direct mounting in the appropriate mounting slot.

Only available as a mounting kit for AFE inverters and rectifier units (sizes H and K) and for rectifier/regenerative units.

Note

Catalog ST 70 describes the functions and components such as Profibus connectors (e.g. 6SE7972-0BA40-0XA0, Profibus cable (e.g. 6XV18 30-0AH10), optical bus terminals or optical link modules (for connection to the optical PROFIBUS DP).

Factory mounted, plugged into slot	Supplementary order code	Retrofit kit (supplied loose) Order No.	Spare part (board without connectors and instruction manual) Order No.
------------------------------------	--------------------------	---	--

CBP 2		Communication board for PROFIBUS DP	
		6SX7010-0FF05	6SE7090-0XX84-0FF5
A	G91	Compact and chassis units	
C	G93		
E	G95		
G	G97	Compact PLUS units	
A	G91		
B	G92		

CBC communication board

CBC for CAN

The CBC communication board (Communication Board CAN) is for connecting SIMOVERT MASTERDRIVES to the CAN protocol.

When ordering the board, the order number of the compact and chassis units is to be supplemented with "-Z" and the corresponding code for direct mounting in the appropriate mounting slot.

Only available as a mounting kit for AFE inverters and rectifier units (sizes H and K) and for rectifier/regenerative units.

Factory mounted, plugged into slot	Supplementary order code	Retrofit kit (supplied loose) Order No.	Spare part (board without connectors and instruction manual) Order No.
------------------------------------	--------------------------	---	--

CBC		Communication board for CAN	
		6SX7010-0FG00	6SE7090-0XX84-0FG0
A	G21	Compact and chassis units	
C	G23		
E	G25		
G	G27	Compact PLUS units	
A	G21		
B	G22		

SLB communication board

SLB for SIMOLINK

The SLB (SIMOLINK BOARD) communication board is for the rapid exchange of data between different drives.

When ordering the board, the order number of the compact and chassis units is to be supplemented with "-Z" and the corresponding code for direct mounting in the appropriate mounting slot.

Note

Only available for converters and inverters.

Factory mounted, plugged into slot	Supplementary order code ¹⁾	Retrofit kit (supplied loose) Order No.	Spare part (board without connectors and instruction manual) Order No.
------------------------------------	--	---	--

SLB		Communication board for SIMOLINK	
		6SX7010-0FJ00 ¹⁾	6SE7090-0XX84-0FJ0
A	G41	Compact and chassis units	
C	G43		
D	G44		
E	G45	Compact PLUS units	
F	G46		
G	G47		
A	G41	Compact PLUS units	
B	G42		

System package for SLB

consisting of	6SX7010-0FJ50
40 fiber optic cable	
20 plugs X470	
100 m plastic fiber optic cable	

Extra package for SLB (supplied with the SLB)

consisting of	6SY7000-0AD15
2 fiber optic cable	
1 plug X470	
5 m plastic fiber optic cable	
fine and coarse emery paper	

1) Including 5 m of plastic fiber optic cable and connectors.