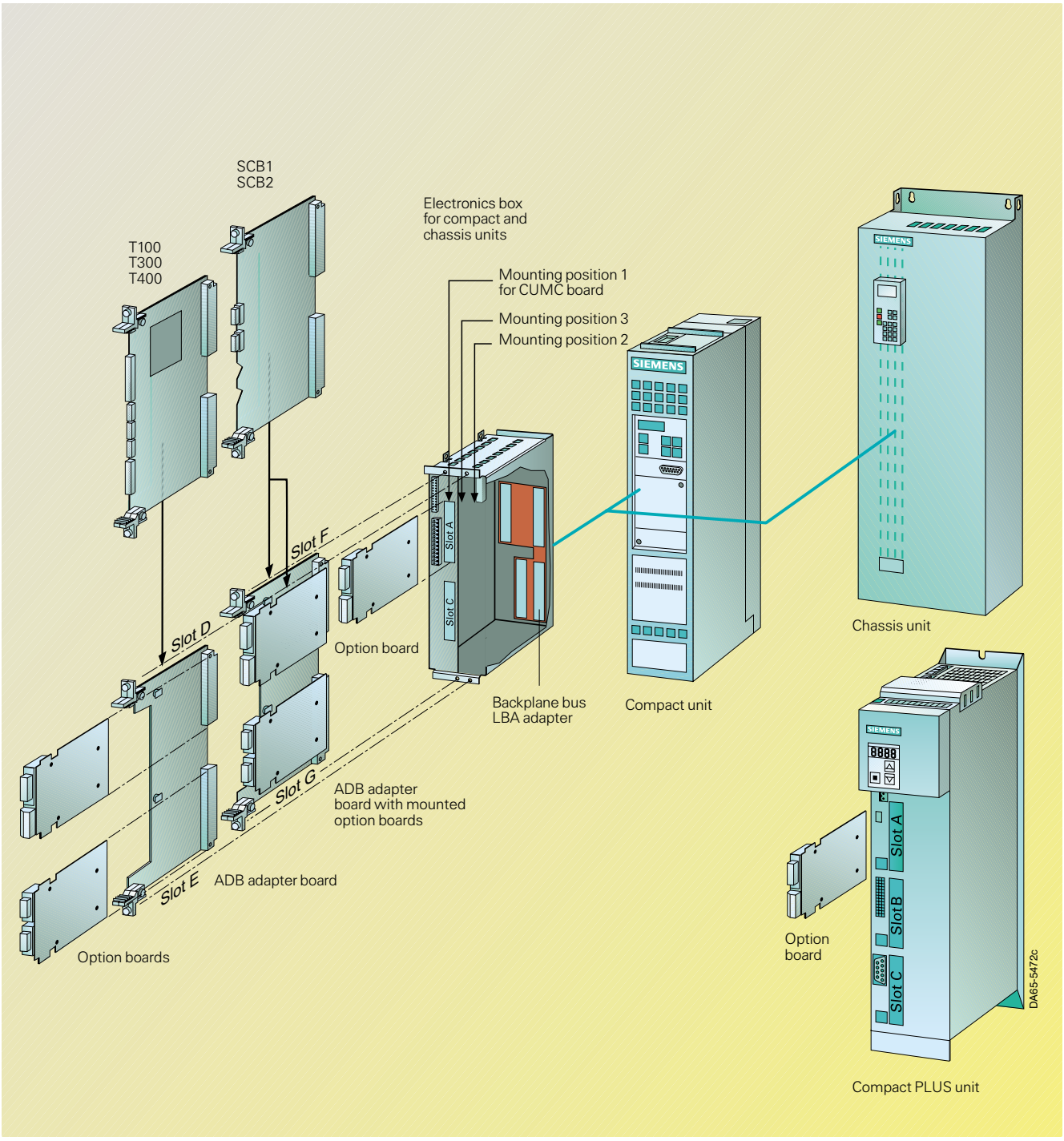
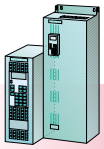



Integrating/mounting option boards in Compact PLUS, compact and chassis units.

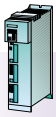
There are up to six slots available for mounting option boards in the electronics box of converters and inverters. The slots are designated with the letters A to G. Slot B does not exist in the compact/chassis design. It is only used in the Compact PLUS series.

If slots D to G are needed, the LBA (Local Bus Adapter) must first be installed.

An adapter board is necessary for slots D and E and additionally for F and G respectively.



## Compact and chassis units



## Compact PLUS units

## Integration of the electronics options

Components which can be fitted in Compact PLUS converters and inverters

**The encoder board for closed-loop motor control must be plugged into slot C.**

An additional encoder board for the machine encoder can be plugged into one of the other slots.

A maximum of 2 expansion boards, 2 communication boards, 2 encoder boards and 2 SIMOLINK boards can be used.

| Option boards | Slot A | B | C |
|---|---|---|---|
| Encoder boards | | | |
| SBP | ● | ● | ● |
| SBR1, SBR2 | – | – | ● |
| SBM2 | ● | ● | ● |
| Communication boards | | | |
| CBP2 | ● | ● | ● |
| CBC | ● | ● | ● |
| SIMOLINK board | | | |
| SLB | ● | ● | ● |
| Expansion boards | | | |
| EB1 | ● | ● | ● |
| EB2 | ● | ● | ● |

● Possible
– Not possible

Components which can be fitted in the electronics box of compact and chassis units

**The encoder board for closed-loop motor control must be plugged into slot C.**

An additional encoder board for the machine encoder can be plugged into one of the other slots.

Mounting position 3 is to be used only if mounting position 2 is occupied.

A maximum of 2 terminal expansion boards, 2 communication boards, 2 SIMOLINK boards and 2 encoder boards may be used.

| Option boards | Mounting position 1 | | 3 | | 2 | | Maximum number of components in the electronics box |
|---|---|---|---|---|---|---|---|
| | CUMC | | | | | | |
| | Slots A | C | F | G | D | E | |
| | Board plugged in<br>• in mounting position 2 (slot D or E): Code K11 + K01 necessary<br>• in mounting position 3 (slot F or G): Code K11 + K02 necessary | | | | | | |
| Encoder boards | | | | | | | |
| SBP | ● | ● | ● | ● | ● | ● | |
| SBR1, SBR2 | – | ● | – | – | – | – | |
| SBM2 | ● | ● | ● | ● | ● | ● | |
| Communication boards | | | | | | | |
| CBP2 | ●[2] | ● | – | ●[1] | – | ● | Max. two communication boards can be inserted |
| CBC | ● | ● | – | ●[1] | – | ● | |
| SIMOLINK board | | | | | | | |
| SLB | ● | ● | ● | ● | ● | ● | Max. two SLB can be inserted |
| Expansion boards | | | | | | | |
| EB1 | ●[1] | ●[1] | ● | ● | ● | ● | Max. two EB1 boards can be inserted |
| EB2 | ●[1] | ●[1] | ● | ● | ● | ● | Max. two EB2 boards can be inserted |

● Possible
– Not possible

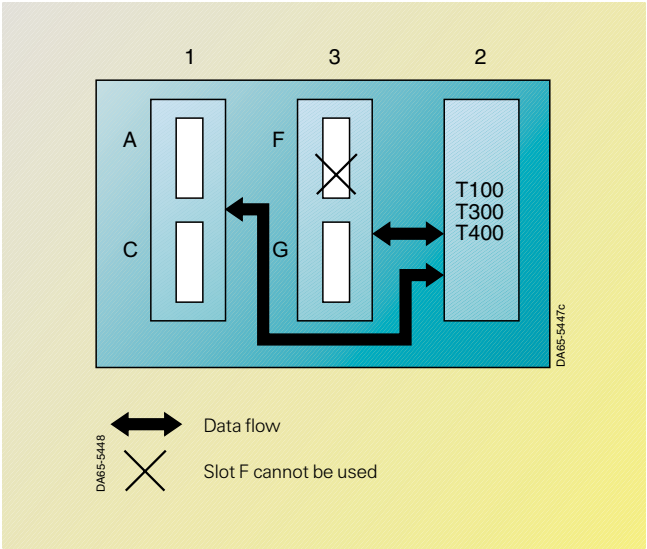
1) Slot/slots for T100, T300 and T400.

2) Not permissible in the case of A-type compact units.

Special factors when a T100, T300 or T400 technology board is used

The technology boards can only be used in compact and chassis units, not in Compact PLUS units.

- The technology board must be plugged into mounting position 2 in the electronics box.
- Only one communication board (CBP2, CBC, etc.) can be plugged in, and mounting position 3 must be used. The communication board is then mounted on an ADB adapter board in slot G.
  The communication board communicates directly with the technology board.
- If the SIMOLINK SLB board is used, it must be plugged into a slot on the base CUMC electronics board, preferably slot A. The SLB board communicates directly with the base unit. Signal connections to the T300 can be established using the logical binector/connector links.
- The EB1 and EB2 expansion boards can be fitted in slots A or C only.




Integration of technology boards in the electronics box