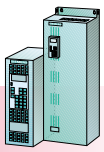


T100, T300 and T400 technology boards for compact and chassis units

The T100, T300 and T400 technology boards can be integrated in all compact and chassis units but **not in the Compact PLUS units**. With these boards, additional technological functions can be implemented. They are mainly used for SIMOVERT MASTERDRIVES Vector Control (VC), as these units do not have any integrated technology functions (positioning, synchronous operation). For a detailed description of the functionality of these boards, refer to the catalog for MASTERDRIVES Vector Control (DA 65.10 or the North American version).

The following is a short overview of the functions provided:

T100 technology board

- 8 binary inputs and 5 binary outputs
- 5 analog inputs and 2 analog outputs
- 2 serial interfaces
- Many control, arithmetic and logic software modules.

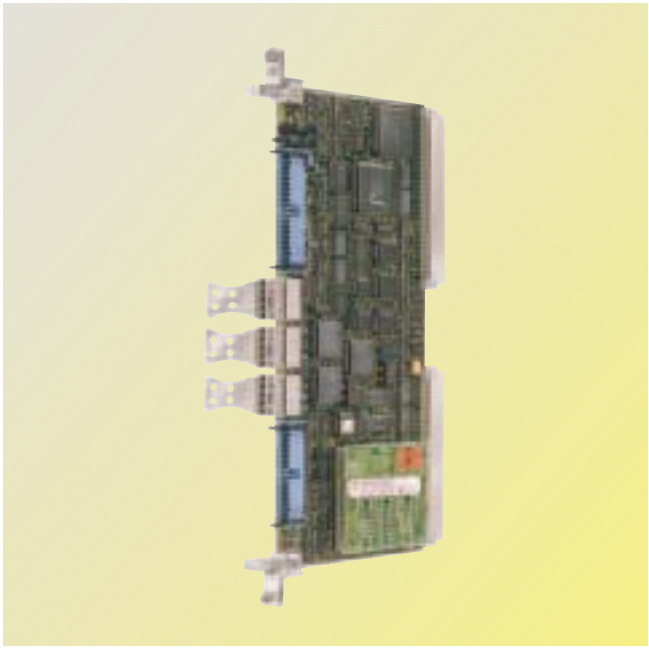
Implementation of the T100 together with SIMOVERT MASTERDRIVES is only useful if many software blocks must be calculated in a very short period of time and the available processing time on the MASTERDRIVES Motion Control units is not sufficient (e.g. if the pulse frequency has to be set to 10 kHz for dynamic reasons).

T300 technology board

- 16 binary inputs and 8 binary outputs
- 7 analog inputs and 4 analog outputs
- 2 serial interfaces
- Standard software for positioning, synchronous operation, center winders, multi-axis drives
- Compatible with SIMADYN D
- Customized planning with STRUC®

T400 technology board

- 8 binary inputs and 4 bidirectional binary inputs or outputs
- 5 analog inputs and 2 analog outputs
- 2 serial interfaces
- Compatible with SIMADYN D
- Customized planning with SIMATIC STEP 7/CFC V 4.0



T300 board with memory module