

1 General System Description

As a member of the ABB Procontic family, ABB Procontic T200 is a modular programmable control system which has been developed and manufactured using advanced design principles and production methods. ABB Procontic T200 masters a wide range of automation tasks at the lower and medium performance levels from 16 to 1856 inputs/outputs and is used for a great variety of applications such as

- Open-loop control
- Computing
- Closed-loop control
- Communication
- Operating and monitoring
- Event indication, measuring and logging
- Positioning

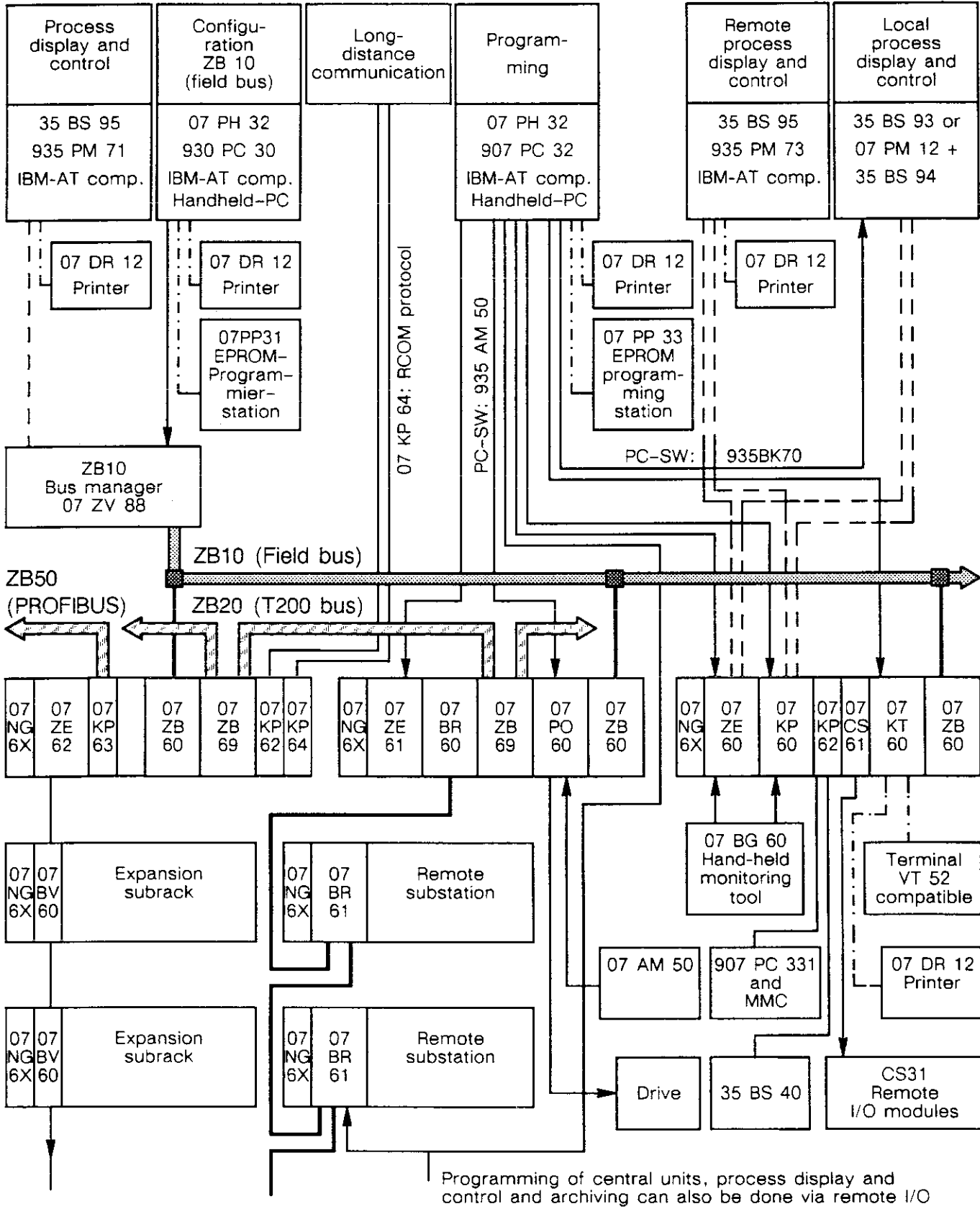
Because of its sturdy modular design ABB Procontic T200 can readily be used even under onerous industrial conditions.

ABB Procontic T200 is characterized by a compact design. Terminal blocks and electronic components are protected by enclosures.

By the adoption of modern gate-array technology and the provision of optimized configuration capabilities the user gets a powerful automation system with the following features:

- Ease of handling
- Simple construction and wiring
- Fast processing
- Adaptable to several input and output voltages
- Appropriate modularity (I/O modules with 4, 8, 16 and 32 channels)
- Provision for clear labeling
- Ease of servicing due to comprehensive diagnostics and error monitoring
- Simple communication also with alien systems by using a standard protocol
- Powerful preprocessors relieve the central unit of tasks such as positioning, communication, logging and visualization.
- Efficient programming by powerful commands, user-friendly structuring with standardized functions (function program blocks)
- Reliable and field-tested programming software allows programming in the form of function block diagram (FBD), ladder diagram (LD), instruction list (IL) and sequential function chart (SFC).

ABB Procontic T200, Configuration of the Entire System



5 expansion subracks maximum

max. 10 substations per line; max. 4 lines per central unit