ABB ABB Series Service Manual

07 KT 93-S

1. Description

ABB Central Unit 07 KT 93-S

3. Product Information

ABB Central Unit 07 KT 93-S

Communication: Includes CS 31 - Field bus.

Memory:

Program Memory: 56 kByte Flash EPROM and RAM.

Data Memory: 4096 bits, 4096 words (16 bit), and 512 double words (32 bit).

Variables: 128 variables.

Performance: Cycle time for 1 Kbyte is 0.7 ms.

Inputs/Outputs:

Integral I/O: 24 DI and 16 DO.

Maximum DI/DO: 1032 in total.

Maximum AI/AO: 192 AI / AO.

Execution & Control:

Programming System: 907PC331.

Program Execution: 1 Task.

Logic Components: Timers restricted (80 simultaneously); Unrestricted Counters.

Fast Counters: 1 (10 kHz).

Special Functions: Safety-orientated control for additional programming of safety functions up to AK4 (DIN V 19250) and category 3 (EN 954); Protocols PDNet, MODBUS®; PI and PID controllers; ASCII communication.

Hardware Details: Password protection, exchangeable battery, real-time clock, withdrawable terminal blocks with screw terminals, and mounting with or without DIN rail.