

2.2 Basic Unit 07 KT 98

Basic unit with max. 1 MB user program

+ 1 MB user data + 256 kB RETAIN, CS31 system bus

The basic unit 07 KT 98 is offered with several networking possibilities. A table on page 2.2-3 shows the features of the different basic units.

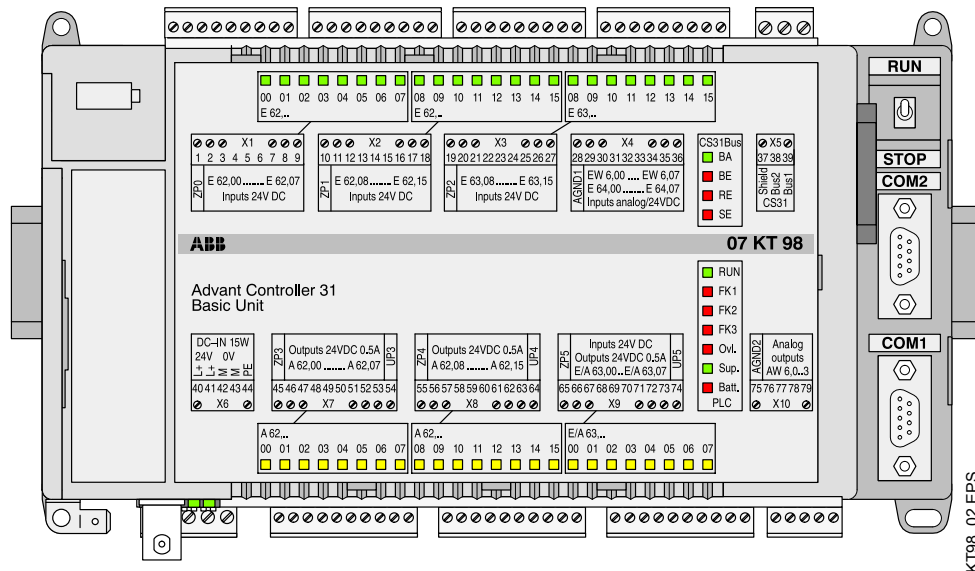


Fig. 2.2-1: Basic unit 07 KT 98 R0260

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Functionality of the basic unit 07 KT 98

User program	1 MB
User data	1 MB + 256 kB RETAIN + 128 kB (Flash EPROM)
Digital inputs	24 in 3 groups of 8 each, electrically isolated
Digital outputs	16 transistor outputs in 2 groups of 8 each, electrically isolated
Digital inputs/outputs	8 in 1 group, electrically isolated
Analog inputs	8 in 1 group, individually configurable to 0...10 V, 0...5 V, +10 V, +5 V, 0...20 mA, 4...20 mA, Pt100 (2-wire or 3-wire), differential inputs, digital inputs
Analog outputs	4 in 1 group, individually configurable to 0...10 V, 0...20 mA, 4...20 mA
Serial interfaces	COM1, COM 2 as MODBUS interfaces, for programming and test functions and as freely programmable interfaces
Parallel interfaces for connection of couplers	07 KP 90 (RCOM), 07 KP 93 (2 x MODBUS), 07 MK 92 (freely programmable)
System bus interface	CS31
Integrated couplers	see next page
High-speed counter	integrated, many functions configurable
Real-time clock	integrated
SmartMedia Card	memory medium for operating system, user program and user data
LED displays	for signal conditions, operating statuses and error messages
Power supply voltage	24 V DC
Data backup	with lithium battery 07 LE 90
Programming software	907 AC 1131 as of V 4.1 (07 KT 98 with ARCNET interface) 907 AC 1131 as of V 4.2.1 (07 KT 98 with PROFIBUS-DP interface)