

ABB Procontic K200

4 k program memory,
1,5 ms cycle time

Dear user,

the family of compact programmable controllers ABB Procontic K200 was improved. An enlarged program memory and a smaller program cycle time makes the use of the ABB Procontic K200 more effective.

Technical Data

Program memory	4 k
Maximum address	4019
Cycle time per 1 k binary instructions	1.5 ms
All other data	unchanged
Survey table	see next page

Note:

- Programs < 2 k instructions:
 - Only in case of programming depending on cycle time the program is to be adopted.
 - All other programs need not to be changed. The smaller cycle time (1.5 ms instead of 5 ms) helps to run the program faster.
 - 907 PC 322, 07 PG 200, 07 PG 201, 07 PR 201, 07 PR 210: The former versions can be used.
- Programs > 1 k instructions (max. address: 950)
 - A memory module 07 PR 201 (EEPROM) must be mounted in the basic module.
- Programs > 2 k instructions
 - Use software 907 PC 322 **R302** (update for 4 k program memory).
 - Use basic module 07 Kx 2xx c Rx.
 - Use programming unit 07 PG 201 **R2** (programming unit for 4 k).
 - Copying of 4 k programs from or to a program memory module (ROM functions)
 - Program memory 07 PR 201 (EEPROM): Use code 04.
 - Program memory 07 PR 210 (EPROM): Use code 06.
 - Example for FUN2 (also valid for other ROM functions in analogous way):


Start ROM function:	CLR SET SET ENT
Copy from memory module:	FUN 2
Select memory module 07 PR 201 (EEPROM):	04
Select memory module 07 PR 210 (EPROM):	06

Please insert this leaf before the register "Overview" in your folder **ABB Procontic K200 (GATS131399R2002)**.

We recommend you to do this immediately; then you can always be sure to have the best up-to-date documentation.

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 : New	Functions	Basic modules 07 Kx 2xx, 07 Kx 2xx a and 07 Kx 2xx b	Basic modules 07 Kx 2xx c (4 k)
Programming unit 07 PG 200	ROM functions (s. Volume 7.5, Chap. 3.10 – 3.22) Memory module Programming functions Expansion modules Memory on basic module (EEPROM)	CMT I/F: 2 k FORCE: 2 k ROM-W (FUN 0) 2 k EPROM (07 PR 210): 2 k EEPROM (07 PR 201): 2 k EDIT: 2 k TEST: 2 k RUN 2 k all 1 k Max. program addr. 950	CMT I/F: 4 k FORCE: 4 k ROM-W (FUN 0) 4 k EPROM (07 PR 210): 4 k EEPROM (07 PR 201): 4 k EDIT: 4 k TEST: 4 k RUN 4 k all 1 k Max. program addr. 950
Programming unit 07 PG 201	ROM functions (s. Volume 7.5, Chap. 3.10 – 3.22) Memory module Programming functions Expansion modules Memory on basic module (EEPROM)	ROM-W (FUN 0) 2 k CMT I/F (FUN 1): 2 k ROM-W (FUN 2, Mode 0): 2 k ROM-W (FUN 2, Mode 2): 2 k FORCED OUT (FUN 3): 2 k PRINTER I/F (FUN 4): 2 k EPROM (07 PR 210): 2 k EEPROM (07 PR 201): 2 k EDIT: 2 k TEST: 2 k RUN 2 k all 1 k Max. program addr. 950	ROM-W (FUN 0) 4 k CMT I/F (FUN 1): 4 k ROM-W (FUN 2, Mode 0): 4 k ROM-W (FUN 2, Mode 2): 4 k FORCED OUT (FUN 3): 4 k PRINTER I/F (FUN 4): 2 k EPROM (07 PR 210): 4 k EEPROM (07 PR 201): 4 k EDIT: 4 k TEST: 4 k RUN 4 k all 1 k Max. program addr. 950
Programming unit 07 PG 201 R2 (4 k)	ROM functions (s. Volume 7.5, Chap. 3.10 – 3.22) Memory module Programming functions Expansion modules Memory on basic module (EEPROM)	ROM-W (FUN 0) 2 k CMT I/F (FUN 1): 2 k ROM-W (FUN 2, Mode 0): 2 k ROM-W (FUN 2, Mode 2): 2 k FORCED OUT (FUN 3): 2 k PRINTER I/F (FUN 4): 2 k EPROM (07 PR 210): 2 k EEPROM (07 PR 201): 2 k EDIT: 2 k TEST: 2 k RUN 2 k all 1 k Max. program addr. 950	ROM-W (FUN 0) 4 k CMT I/F (FUN 1): 4 k ROM-W (FUN 2, Mode 0): 4 k ROM-W (FUN 2, Mode 2): 4 k FORCED OUT (FUN 3): 4 k PRINTER I/F (FUN 4): 4 k EPROM (07 PR 210): 4 k EEPROM (07 PR 201): 4 k EDIT: 4 k TEST: 4 k RUN 4 k all 1 k Max. program addr. 950