PP60

- Parallel Processor Type B

- 42 KByte Application Program Memory for 42 K Instructions

- Processing Time is approx. 2.5 msec per K Instructions

- 11264 Registers

- Serial RS485/RS232/TTY User Interface

- Software Clock

SLOTS

The PP60 parallel processor can be operated in MULTICONTROL and MIDICONTROL module racks in the following slots.

Module Rack	Slot	0 1 2 3 4 5 6 7 8 9 A B C D E F
MULTI Main Rack		● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●
MULTI Expansion Rack		○ ● ● ● ● ● ● ● ● ● ● ● ● ● ● ○
MIDI		○ ● ● ● ● ● ● ○
M264		○ ● ● ● ● ○ ○ ○ ○ ○

- ● the module can be operated in this slot
- ○ the module **cannot** be operated in this slot

ORDER DATA

ECPP60-01	Parallel Processor Type B, 6809 processor, 42 KByte application-tion program memory for 42 K instructions, processing time approx. 2.5 msec per K instructions, 11264 registers, serial RS485/RS232/TTY user interface, without application program memory module

TECHNICAL DATA — PP60

TECHNICAL DATA	PP60
Module Rack	MULTI, MIDI
Processor	6809
Processing Time	2.5 msec/K instructions
Registers	11264
Remanent	11244
Non-remanent	20
Application Program Memory	42 KByte RAM (internal), PROM Module (EPROM, EEPROM, FlashPROM) not incl. for 42 K instructions
Time / Date	Software clock, volatile
Serial Interfaces	
Online Interface	TTY (62.5 kBaud)
User Interface	RS485/RS232/TTY (19.2 kBaud)
Power Consumption	
at +8 V	7 W
at +15 V	1.5 W
at -30 V	0.5 W
Documentation	MULTICONTROL Hardware Manual
German	MAHWMULTI-0
English	MAHWMULTI-E
French	MAHWMULTI-F
Italian	MAHWMULTI-I
Spanish	MAHWMULTI-S

PROGRAMMING

Programming the PP60 parallel processor is carried out with the B&R PROgramming SYStem. Efficient standard function blocks are available. The B&R PROgramming SYStem and standard software package are described in Section A7 "PLC Programming".

The application program memory module is not included with the delivery of the PP60 parallel processor, it must be ordered separately. A description of the application program memory module can be found in Section "Application Program Memory Module".