



A6

NP02 - COMMUNICATION PROCESSOR FOR OTHER PROTOCOLS

PLC SYSTEMS
MULTICONTROL COMPONENTS



NP02

- Communication Processor for Other Protocols
- Serial RS232 Interface
- For MULTI, MIDI and M264 Racks
- S3964 (R) (RK512), L1, Modbus, Allen Bradley Data Highway, Honeywell CIM 620, B&R MININET Protocols are Supported

SLOTS

The communication processor NP02 can be operated in the MULTI, MIDI and M264 rack in the following slots.

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		●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○

TECHNICAL DATA

NP02

Designation	Communication Processor for Other Protocols
Protocols	S3964(R) (RK512), Modbus, L1, Allen Bradley Data Highway, Honeywell CIM620, B&R MININET
Interface	RS232/TTY
Connection to an RS485 Twisted Pair Bus	via INT1 (RS232/RS485 Interface Converter)
Power Consumption	
At +8 V	1.8 W
At +15 V	3.3 W
Documentation	Hardware Manual MULTICONTROL
German	MAHWMULTI-0
English	MAHWMULTI-E
French	MAHWMULTI-F
Italian	MAHWMULTI-I
Spanish	MAHWMULTI-S

ORDER DATA

NP02 - Communication Processor for Other Protocols, without EPROM Memory Module	ECNP02-0
EPROM Memory Module with Modbus Protocol	SWNP02DP01-0
EPROM Memory Module with S3964(R) Protocol (RK512)	SWNP02DP02-0
EPROM Memory Module with Honeywell CIM620 Protocol	SWNP02DP03-0
EPROM Memory Module with A+B Data Highway Protocol	SWNP02DP04-0
EPROM Memory Module with L1 Protocol	SWNP02DP05-0
EPROM Memory Module with B&R MININET Protocol	SWNP02DPMN-0

GENERAL INFORMATION

An application program memory module is not contained in the delivery of the NP02 communication processor. The software for the other protocols shown above are delivered on EPROM memory. The NP02 is always to be ordered together with one of the EPROM memory modules.