



# 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 | <b>ECNP02-0</b>     |
| EPROM Memory Module with Modbus Protocol  | <b>SWNP02DP01-0</b> |
| EPROM Memory Module with S3964(R) Protocol (RK512)                              | <b>SWNP02DP02-0</b> |
| EPROM Memory Module with Honeywell CIM620 Protocol                              | <b>SWNP02DP03-0</b> |
| EPROM Memory Module with A+B Data Highway Protocol                              | <b>SWNP02DP04-0</b> |
| EPROM Memory Module with L1 Protocol  | <b>SWNP02DP05-0</b> |
| EPROM Memory Module with B&R MININET Protocol                                   | <b>SWNP02DPMN-0</b> |

#### 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.