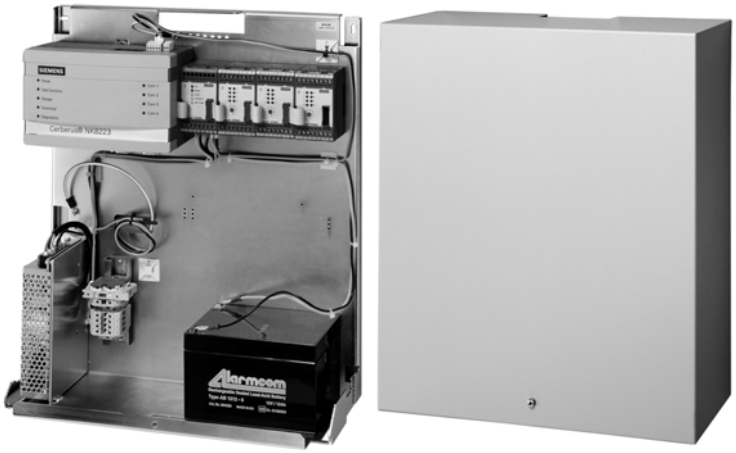
SIEMENS



NK8000
MP4.30

# Product Datasheet

## NE8001 / NE8002

## Housing solutions for NK822x / NK823x

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- **NE8001 and NE8002 are compact and convenient housing solutions for NK8222/NK8223/NK8225/NK8232/NK8235 Ethernet Port units**
- **NE8001: Metallic cabinet for easy wall-mounting, including a DIN rail and a pre-wired power supply for NK82xx and local I/O**
- **NE8002: The sole metallic cabinet with DIN rail**

**Building Technologies**

Fire Safety & jSecurity Products

## Technical data

| | | |
|---|---|---|
| **NE8001** | Wall-mountable, metallic cabinet with DIN-rail support and power supply for NK822x units | The unit includes the following pre-wired units:<br>● Power supply:<br>– Input: 100 – 240 Vac / 50-60 Hz 2A / fuse F3.15AL / 250V / 3-pole screw connector<br>– Output: 12Vdc 4A / two 2-pole screw connectors-output 12Vdc 4A/ two 2-pole screw connectors<br>● Power supply supervision: 1x DF8090 module<br><br>NE8001 can provide support for the following units (not included):<br>● 1x NK8222 or NK8223<br>● 2x DF8040 modules (connected via $I^2C$) *****<br>● 1x DF8020 module (connected via $I^2C$) *****<br>● Battery: max 26 Ah 12V, VDS Recommended: FA2006-A1 (A5Q00019356)<br>● B3P020 392653 Mains filter 250 Vac 6A<br>● Z31041 496290 surge protector set 230 Vac<br>● NK8021 Analog modem |
| **NE8002** | Wall-mountable, metallic cabinet with DIN-rail support | NE8002 can provide support for the following units (not included):<br>● AC/DC Power supply unit<br>● 1x NK8222 or NK8223<br>● 1x DF8090 module (connected via $I^2C$)<br>● 2x DF8040 modules (connected via $I^2C$) *****<br>● 1x DF8020 module (connected via $I^2C$) *****<br>● Battery: max 26 Ah 12V, VDS Recommended: FA2006-A1 (A5Q00019356)<br>● B3P020 392653 Mains filter 250 Vac 6A<br>● Z31041 496290 surge protector set 230 Vac<br>● NK8021 Analog modem |
| **Dimensions** | NE8001/NE8002 | 390(W) x 450(H) x 150(D) mm |
| **Colour** | NE8001/NE8002 | RAL7035 light grey |
| **Environmental limits** | NE8001/NE8002 | Transportation/storage: −40 ... +55 °C<br>Operation: +10 ... +50 °C<br>Humidity: 10 … 95%, non condensing |
| **Weight** | NE8002 cabinet only<br>NE8001 cabinet with power supply<br>NE8001 + with NK8223 (fully equipped) | 6.2 Kg<br>7.3 Kg<br>8.5 Kg |

*** Note:** NK822x only. Local I/O modules are not supported with current NK823x HW.

## Technical documentation

| | | | |
|---|---|---|---|
| **NK8000 Technical manual** | Technical material binder<br>Section 2 | Document no.:<br>A6V10062437 | NK8000 Installation, Function & Configuration, Commissioning, Safety Regulations |

## Ordering information

| | | | |
|---|---|---|---|
| **NK8000 housing with power supply** | A6E600066 | NE8001 | Wall-mountable, metallic cabinet with DIN-rail support and power supply for NK8222/NK8223/NK8225 units |
| **NK8000 housing** | A6E600067 | NE8002 | Wall-mountable, metallic cabinet with DIN-rail support |
| **Tamper Switch Kit** | Available on request | | |

## Related Products

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|---|---|---|---|---|
| **NK8235** | Ethernet port | S54461-C2-A1 | NK8235.2 | – 2 Ethernet lines for remote host<br>– 2 serial lines for subsystems / modem |
| | | S54461-C2-A2 | NK8235.4 | – 2 Ethernet lines for remote host<br>– 4 serial lines for subsystems / modem |
| **NK8232** | Ethernet port for a single subsystem | S54461-C2-A3 | NK8232.2 | – 2 Ethernet lines for remote host<br>– 2 serial lines for a single subsystem / local host / modem |
| **NK8225** | Ethernet port | A6E600303 | NK8225.2 | – 1 Ethernet line for remote host<br>– 2 serial lines for subsystems / local host / modem |
| | | A6E600304 | NK8225.4 | – 1 Ethernet line for remote host<br>– 4 serial lines for subsystems / local host/ modem |
| | | A6E600305 | NK8225.CL2 | – 1 Ethernet line for remote host<br>– 1 LON line for subsystems<br>– 2 serial lines for subsystems / local host/ modem |
| | | A6E600306 | NK8225.CL4 | – 1 Ethernet line for remote host<br>– 1 LON line for subsystems<br>– 4 serial lines for subsystems / local host / modem |
| **NK8223** | Ethernet port | A6E600005 | NK8223.2 | – 1 Ethernet line for remote host<br>– 2 serial lines for subsystems / local host / modem |
| | | A6E600006 | NK8223.4 | – 1 Ethernet line for remote host<br>– 4 serial lines for subsystems / local host/ modem |
| | | A6E600007 | NK8223.CL2 | – 1 Ethernet line for remote host<br>– 1 LON line for subsystems<br>– 2 serial lines for subsystems / local host/ modem |
| | | A6E600008 | NK8223.CL4 | – 1 Ethernet line for remote host<br>– 1 LON line for subsystems<br>– 4 serial lines for subsystems / local host / modem |
| **NK8222** | Ethernet port for a single subsystem | A6E600089 | NK8222.2 | – 1 Ethernet line for remote host<br>– 2 serial lines for a single subsystem / local host / modem |
| | | A6E600090 | NK8222.CL2 | – 1 Ethernet line for remote host<br>– 1 LON line for a single subsystem<br>– 2 serial lines for a single subsystem / local host / modem |
| **NK8021** | Analog modem | A6E600245 | NK8021 | Analog modem for public switched telephone network (PSTN) |
| **DF8090** | Power supervision | A6E600010 | DF8090 | Power supervision module for $I^2C$ bus |
| **DF8020** | 8-output module | A6E600195 | DF8020 | 8-relay output module for $I^2C$ bus |
| **DF8040** | 8-input module | A6E600194 | DF8040 | 8-input module (non supervised) for $I^2C$ bus |

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