SIEMENS

Product Datasheet

NE8001 / NE8002

Housing solutions for NK822x

- NE8001 and NE8002 are compact and convenient housing solutions for NK8222/NK8223/NK8225 Ethernet Port units

- NE8001: Metallic cabinet for easy wall-mounting, including a DIN rail and a pre-wired power supply for NK822x and local I/O

- NE8002: The sole metallic cabinet with DIN rail

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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:
		● Power supply:
		  – Input: 100 – 240 Vac / 50-60 Hz 2A / fuse F3.15AL / 250V / 3-pole screw connector
		  – Output: 12Vdc 4A / two 2-pole screw connectors-output 12Vdc 4A;/ Two 2-pole screw connectors
		● Power supply supervision: 1x DF8090 module
		
		NE8001 can provide support for the following units (not included):
		● 1x NK8222 or NK8223
		● 2x DF8040 modules (connected via I^2C)
		● 1x DF8020 module (connected via I^2C)
		Battery: Max 27 Ah 12V
		  Recommended: FIAMM-GS mod. FG22703 (www.fiamm-gs.com)
		● B3P020 392653 Mains filter 250 Vac 6A
		● Z31041 496290 surge protector set 230 Vac
		● NK8021 Analog modem

NE8002	Wall-mountable, metallic cabinet with DIN-rail support	NE8002 can provide support for the following units (not included): ● AC/DC Power supply unit ● 1x NK8222 or NK8223 ● 1x DF8090 module (connected via I^2C) ● 2x DF8040 modules (connected via I^2C) ● 1x DF8020 module (connected via I2C) ● Battery: max 27 Ah 12V Recommended: FIAMM-GS mod. FG22703 (www.fiamm-gs.com) ● B3P020 392653 Mains filter 250 Vac 6A ● Z31041 496290 surge protector set 230 Vac ● 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 Operation: +10 ... +50 °C Humidity: 10 … 95%, non condensing
Weight	NE8002 cabinet only NE8001 cabinet with power supply NE8001 + with NK8223 (fully equipped)	6.2 Kg 7.3 Kg 8.5 Kg

Technical documentation

NK8000 Technical manual	Technical material binder Section 2	Document no.: 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

NK8223 **NK8225**	**Ethernet port** **Ethernet port with** **BACnet gateway**	A6E600005 A6E600303	NK8223.2 NK8225.2	– 1 Ethernet line for remote host – 2 serial lines for subsystems / local host / modem
		A6E600006 A6E600304	NK8223.4 NK8225.4	– 1 Ethernet line for remote host – 4 serial lines for subsystems / local host/ modem
		A6E600007 A6E600305	NK8223.CL2 NK8225.CL2	– 1 Ethernet line for remote host – 1 LON line for subsystems – 2 serial lines for subsystems / local host/ modem
		A6E600008 A6E600306	NK8223.CL4 NK8225.CL4	– 1 Ethernet line for remote host – 1 LON line for subsystems – 4 serial lines for subsystems / local host / modem
NK8222	**Ethernet port for a single subsystem**	A6E600089	NK8222.2	– 1 Ethernet line for remote host – 2 serial lines for a single subsystem / local host / modem
		A6E600090	NK8222.CL2	– 1 Ethernet line for remote host – 1 LON line for a single subsystem – 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 I2C bus
DF8020	**8-output module**	A6E600195	DF8020	8-relay output module for I2C bus
DF8040	**8-input module**	A6E600194	DF8040	8-input module (non supervised) for I2C bus

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