SIEMENS

Product Datasheet

NK8000
MP4.80

NE8001

Housing solution for NK823x

- **Compact and convenient housing solution for NK823x network adapters**
- **Metallic cabinet for easy wall-mounting**
- **DIN rail and a pre-wired power supply for NK823x units**
- **Room for up to 4 DF80xx I/O units**

Building Technologies

CPS Fire Safety

Technical data

NE8001	Wall-mountable, metallic cabinet with DIN-rail support and power supply for NK823x 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 NK823x ● Up to 3 DF8020 modules (connected via I^2C) ● Up to 3 DF8040 modules (connected via I^2C) ● Up to 3 DF8045 modules ● Up to 3 DF8046 modules **Note:** Max 4 DF80xx modules in any combination. ● Battery: 12V, max 27 Ah, VDS Recommended: FA2006-A1 (A5Q00019356) ● B3P020 A5Q00008751 Mains filter 250 Vac 6A ● Z3I041 4962900001 surge protector set 230 Vac ● NK8021 Analog modem
Dimensions	NE8001	390(W) x 450(H) x 150(D) mm
Colour	NE8001	RAL7035 light grey
Enclosure	NE8001	Standard IP-42
Environmental limits	NE8001	Transportation/storage: −40 ... +55 °C Operation: +10 ... +50 °C Humidity: 10 … 95%, non condensing
Weight	NE8001 cabinet with power supply NE8001 + with NK823x (fully equipped)	7.3 Kg 8.5 Kg
Regulatory Approvals (CE, EAC conformity)	EN 50581 EN 61000-6-3 EN 50130-4 EN 60950-1	RoHs EMC emission EMC immunity LVD

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
Tamper Switch Kit	Available on request		

Related Products

NK8232	Ethernet port for a single subsystem	S54461-C2-A3	NK8232.2	– Ethernet lines for remote host – 2 serial lines for a single subsystem / local host / modem
NK8235	Ethernet port	S54461-C2-A1	NK8235.2	– 2 Ethernet lines for remote host – 2 serial lines for subsystems / modem
		S54461-C2-A2	NK8235.4	– 2 Ethernet lines for remote host – 4 serial lines for subsystems / modem
NK8237	Modbus Gateway	S54461-C7-A1	NK8237.2	– 2 Ethernet lines for FS20/FS720 panels and 3rd party Modbus client – 2 serial lines for a Modbus master device
DF8090	Power supervision for I^2C bus	A6E600010	DF8090	Battery 12V, max 27Ah
DF8020	8-output module for I^2C bus	A6E600195	DF8020	Relay contacts: NO or NC Max 2A at 30 Vdc Relay lifetime: 100'000 cycles
DF8040	8-input module for I^2C bus	A6E600194	DF8040	NO or NC dry contacts or open collector signals Max forward current: 7 mA at 33Vdc Over voltage protection on input lines: 1K V Input voltage limit: 33V
DF8045	4-balanced input for I^2C bus module	A6E600196	DF8045	General purpose NC supervised dry contacts Max forward current: 7 mA at 33 VDC
DF8046	4-balanced input module for I^2C bus	A6E600197	DF8046	Normally open supervised dry contacts (compatible with B1G030 output board) Max forward current: 7 mA at 33 VDC

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