

# GETRIEBEBAU NORD

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Getriebebau NORD GmbH & Co. KG

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## SK H6G2.5 NQ16SPF OE xxx UL

Cable Hybrid Mains

### Scope of supply

NORD Cable		
Preconfigured for connection via one power plug.		
Name	p/n	Length
SC H6G2.5 NQ16SPF OE 1.5 UL	275 274 218	1.5 m
SC H6G2.5 NQ16SPF OE 3 UL	275 274 219	3.0 m
SC H6G2.5 NQ16SPF OE 5 UL	275 274 220	5.0 m
SC H6G2.5 NQ16SPF OE 10 UL	275 274 221	10.0 m



### Field of use

This cable is usable for the following application:

- **Mains incoming voltage supply (3-phase + PE) with 24V DC supply**

### Necessary inverter conditions

The frequency inverter must be equipped with following power plug:

- **Mains incoming power plug NQ16**

It only is allowed for qualified electricians to install and commission the module. An electrician is a person who, because of their technical training and experience, has sufficient knowledge relating to

- switching on, switching off, isolating, earthing and marking power circuits and devices,
- proper maintenance and use of protective devices in accordance with defined safety standards.

**⚠ DANGER!**

### Danger of electric shock

The frequency inverter continues to carry hazardous voltages for up to 5 minutes after it was switched off.

- Work must not be carried out unless the device has been disconnected from the voltage and at least 5 minutes have elapsed since the mains was switched off!

Technical Information / Datasheet	SC H6G2.5 NQ16SPF OE xxx UL			
Specification of connection cable	TI_275274218-221	3.1	0921	en

**i Information**

**UL category (PVVA2)**

This cable fulfils the requirements of the UL category PVVA2. The cable is mounted with UL listed components and is produced under the UL “Wiring Harness Program” (Category ZPFW2/8) at a certified production site. The cable gets a special UL “Wiring Harness” traceability label (Category ZPFW2).

Example of identification mark




**Technical Data**

Specification	Side A
Number of contacts	5 + PE
Type of contacts	Female (F)
Housing type	Straight
Housing material	Plastic
Rated current I <sub>N</sub>	16 A (Power)
Rated voltage	600 V AC (Power)
Rated current I <sub>N</sub>	10 A (Signal)
Rated voltage	63 V DC (Signal)
Pollution degree	3

Specification	Side B
Cable gland	No
Cable dismantled	No
Wires prepared	No

Specification	Cable (76)
UL / AWM Standard	2237 / 21223
Cross section	2.5 mm <sup>2</sup>
Bending radius	5x cable diameter
Outside diameter	10.5 mm (±5%)
Operation temperature	-25 up to +80 °C
Rated voltage	600 V AC
Installation type	Fixed laying
Jacket / wire material	PVC / PP
Jacket colour	Black (RAL 9005)
Cable shield	No
Drag chain compatibility	No
Halogen-free	No
Oil resistant	Yes
Flammability test acc. to	FT1 (CSA)

**PIN assignment**

Potential	PIN assignment (F) Side A	(Cable colour) designation	Flying leads Side B
L1	1	(Black) 1	Single wire
L2	2	(Black) 2	Single wire
L3	3	(Black) 3	Single wire
	GNYE	(Green- Yellow)	Single wire
+24V DC	A	(Black) 4	Single wire
GND	B	(Black) 5	Single wire

