

GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group

Getriebebau NORD GmbH & Co. KG

Getriebebau-Nord-Straße 1 • 22941 Bargteheide, Germany • www.nord.com



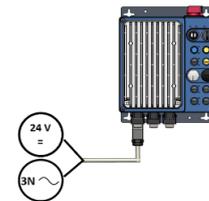
SC H4GA12 HQ42SPF OE xxx UL

Cable Hybrid Mains

Scope of supply

NORD cable
Preconfigured for connection via one power plug.

Name	p/n	Length
SC H4GA12 HQ42SPF OE 3 UL	275 274 246	3.0 m
SC H4GA12 HQ42SPF OE 5 UL	275 274 247	5.0 m



Field of use

This cable is usable for the following application:

- **Mains / control voltage supply** (3-phase + PE, incl. 24V DC)

Necessary inverter conditions

The frequency inverter must be equipped with following power plug:

- **Mains incoming power plug HAN Q4/2**

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!

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 Information / Datasheet	SC H4GA12 HQ42SPF OE xxx UL			
Specification of connection cable	TI_275274246-247	3.0	3820	en

Technical Data

Specification	Plug Power OUT
Number of contacts	4 + 2 + PE
Type of contact	Male (M)
Housing type	Straight
Housing material	Plastic
Rated current IN	16 A
Rated voltage	600 V (UL)
Pollution degree	3

Specification	Plug Power IN
Number of contacts	4 + 2 + PE
Type of contact	Female (F)
Housing type	Straight
Housing material	Plastic

Specification	Cable (67)
AWN Style	21179
Designation	12AWG / 16AWG
Bending radius	4x cable diameter
Outside diameter	approx. 12.7 mm
Operation temperature	-40°... +80 °C
Rated voltage	600 V (UL)
Installation type	Fixed laying
Jacket material	PVC
Jacket colour	Grey (RAL 7001)
Cable shield	No
Drag chain compatibility	No
Halogen-free	No
Flammability test acc. to	FT1

PIN assignment

Potential	PIN assignment Electronics	(Cable colour) designation acc. to AWM style	Flying lead Mains connection
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	11	(Black) 4	Single wire
GND	12	(Black) 5	Single wire

