

GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group



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SC H4GA12 HQ42SPM HQ42SPF xxx UL

Cable Hybrid Daisy-Chain

with 24V DC voltage supply

Scope of supply

NORD Cable

Preconfigured for connection via plugs.

Name	p / n	Length
SC H4GA12 HQ42SPM HQ42SPF 3 UL	275 274 256	3 m
SC H4GA12 HQ42SPM HQ42SPF 5 UL	275 274 257	5 m

The cable uses plugs at both ends.



Field of use

The mains incoming cable is useable for the following application:

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

Necessary inverter accessory:

The electronic device must be equipped with the plug type below:

- **Mains voltage outgoing plug** HAN Q4/2 (Female) **First inverter**
- **Mains voltage incoming plug** HAN Q4/2 (Male) **Second inverter**

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 H4GA12 HQ42SPM HQ42SPF xxx UL			
Specification of connection cable	TI_275274256-257	3.0	3720	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	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	400 V (EU)
Pollution degree	3

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	400 V (EU)
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

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

PIN assignment

Potential	PIN assignment Power OUT (Male)	(Cable colour) designation acc. to AWM style	Potential	PIN assignment Power IN (Female)
L1	1	(Black) 1	L1	1
L2	2	(Black) 2	L2	2
L3	3	(Black) 3	L3	3
	PE	(Green- Yellow)		PE
+24V DC	11	(Black) 4	+24V DC	11
GND	12	(Black) 5	GND	12

