GETRIEBEBAU NORD

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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		5 m	
The cable uses plugs at both ands			



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
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.

A 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 U		UL	
Specification of connection cable	TI_275274256-257	3.0	3720	en



1 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

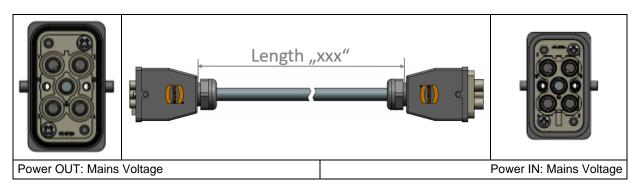
Specification	Plug Power OUT	
Number of contacts	4 + 2 + PE	
Type of contact	Male (M)	
Housing type	Straight	
Housing material	Plastic	
Rated current IN	16 A	
Rated voltage	400 V (EU)	
Pollution degree	3	

Specification	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	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		

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
(1)	PE	(Green- Yellow)	(1)	PE
+24V DC	11	(Black) 4	+24V DC	11
GND	12	(Black) 5	GND	12



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