

GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group



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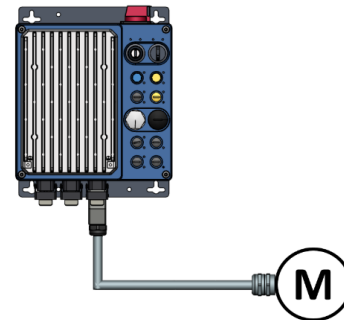
SC H4S2.5 HQ8SPM OE25A4 xxx UL

Cable Hybrid Motor

Scope of supply

NORD Motor Cable
Preconfigured for connection via one power plug.

Name	p/n	Length
SC H4S2.5 HQ8SPM OE25A4 1.5 UL	275 274 805	1.5 m
SC H4S2.5 HQ8SPM OE25A4 3 UL	275 274 806	3.0 m
SC H4S2.5 HQ8SPM OE25A4 5 UL	275 274 807	5.0 m
SC H4S2.5 HQ8SPM OE25A4 10 UL	275 274 808	10.0 m



Field of use

The cable is useable for the following application:

- **Motor connection for NORD IE1-4 motor size 80 – 90 and IE5+ motor size 71**

Necessary inverter accessory:

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

- **NORD Motor output plug HAN Q8**

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 H4S2.5 HQ8SPM OE25A4 xxx UL			
Specification of connection cable	TI 275274805-808	3.0	3820	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 polybag package of the harnesses gets a special UL “Wiring Harness” traceability label (Category ZPFW2).



Example of identification mark

Technical Data

Specification	Plug Electronic
Number of contacts	8 + PE
Type of contacts	Male (M)
Housing type	Straight
Housing material	Plastic
Rated current I _N	16 / 12 A (EU/UL)
Rated voltage	500 / 600 V (EU/UL)
Pollution degree	3

Specification	Cable (01)
AWM Style	2570
Cross section	2.5 / 1.0 mm ²
Bending radius	5x cable diameter
Outside diameter	approx. 13,5 mm
Operation temperature	-20 up to +80 °C
Rated voltage	1000 V
Installation type	Fixed laying
Jacket / wire material	PVC / PP
Jacket colour	Orange (RAL 2003)
Cable shield	Yes
Drag chain compatibility	No
Halogen-free	No
Flammability test acc. to	EN 60332-1-1 ... -3

Specification	Motor Connection
Cable gland	EMC
Cable dismantled	Yes
Wires equipped with	Cable lugs

PIN assignment

Potential	PIN assignment Electronics		(Cable colour) designation acc. to AWM Style	Open wires at motor side	
				Format	Terminal
U	1		(Black) U / L1 / C / L+ (Black) V / L2 (Black) W / L3 / D / L	Cable lug	U1 / T1
V	7			Cable lug	V1 / T2
W	3			Cable lug	W1 / T3
	PE	PE	(Green -Yellow)	Cable lug	PE
		Cable shield		EMC cable gland	
BR -	4		(Black) 5	Cable lug	BD1
BR +	6		(Black) 6	Cable lug	BD2
TF -	5		(Black) 7	Cable lug	2TP1
TF +	8		(Black) 8	Cable lug	2TP2

