

# GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group

Getriebebau NORD GmbH & Co. KG

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## SC H4S1 ST8SMM HQ8SMF xxx UL

Cable Hybrid Motor

### Scope of supply

NORD Motor Cable		
Preconfigured for connection via one power plug.		

Name	p/n	Length
SC H4S1 ST8SMM HQ8SMF 1.5 UL	275 274 685	1.5 m
SC H4S1 ST8SMM HQ8SMF 3 UL	275 274 686	3.0 m
SC H4S1 ST8SMM HQ8SMF 5 UL	275 274 687	5.0 m



### Field of use

The cable is useable for the following motor option:

- **NORD Motor power plug connector “MS21”**

### Necessary inverter accessory:

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

- **NORD Motor output plug ST8**

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.

### **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 Information / Datasheet	SC H4S1 ST8SMM HQ8SMF xxx UL			
Specification of connection cable	TI_275274685-687	3.0	2521	en


### Technical Data

Specification	Side A
Number of contacts	7 + PE
Type of contacts	Male (M)
Housing type	Straight
Housing material	Metal
Rated current I <sub>N</sub>	7.5 A (EU)
Rated voltage	500 V (EU)
Pollution degree	3

Specification	Side B
Number of contacts	8 + PE
Type of contacts	Male (M)
Housing type	Straight
Housing material	Metal (EMC)

Specification	Cable (12)
AWM Style	2570
Designation	1 / 0.75 mm <sup>2</sup>
Bending radius	5x cable diameter
Outside diameter	approx. 11.2 mm
Operation temperature	-20 up to +80 °C
Rated voltage	1000 V
Shield material	Tinned copper
Installation type	Fixed laying
Jacket / wire material	PVC / PP
Jacket colour	Orange (RAL 2003)
Drag chain compatibility	No
Halogen-free	No
Flammability test acc. to	EN 60332-1-1 ... -3

### PIN assignment

Potential	PIN assignment (M) Side A		(Cable colour) designation acc. to AWM Style	PIN assignment (F) Side B	Terminal
U	1		(Black) U / L1 / C / L+	1	U1 / T1
V	2		(Black) V / L2	7	V1 / T2
W	3		(Black) W / L3 / D / L	3	W1 / T3
⊕	PE	PE	(Green -Yellow)	PE	PE
		Cable shield		EMC cable gland	
BR -	5		(Black) 5	4	MB -
BR +	4		(Black) 6	6	MB +
TF -	7		(Black) 7	5	2TP1
TF +	6		(Black) 8	8	2TP2

