# **GETRIEBEBAU NORD**

Member of the NORD DRIVESYSTEMS Group

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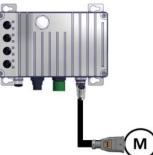
## SC H4S1 ST8SMM HQ8SMF xxx UL

**Cable Hybrid Motor** 

#### Scope of supply

NORD Motor Cable			
Preconfigured for connection via one power plug.			
Name	p/n	Length	





#### 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.

#### Ð 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			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 mm²		
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 60332-1-13		

### **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 (Black) W / L3 / D / L		3	W1 / T3
Ð	PE	PE	(Green -Yellow) shield		PE	PE		
		Cable			Cable shield EMC c		EMC cable g	ble 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		

