

GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group

Getriebebau NORD GmbH & Co. KG

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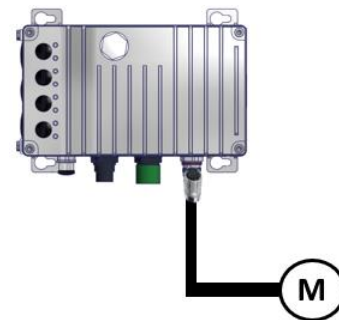
SC H4S1 ST8SMM OE20A4 xxx UL

Cable Hybrid Motor

Scope of supply

NORD Motor Cable
Preconfigured for connection via one power plug.

Name	p/n	Length
SC H4S1 ST8SMM OE20A4 1.5 UL	275 274 690	1.5 m
SC H4S1 ST8SMM OE20A4 3 UL	275 274 691	3.0 m
SC H4S1 ST8SMM OE20A4 5 UL	275 274 692	5.0 m



Field of use

The cable is useable for the following application:

- **Motor connection for NORD (IE1-IE3) → Motor sizes 63 - 71**

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.

⚠ 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 H4S1 ST8SMM OE20A4 xxx UL			
Specification of connection cable	TI_275274690-692	3.1	0821	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	Side A
Number of contacts	7 + PE
Type of contacts	Male (M)
Housing type	Straight
Housing material	Metal
Rated current I _N	7.5 A (EU)
Rated voltage	500 V (EU)
Pollution degree	3

Specification	Cable (12)
AWM Style	2570
Designation	1 / 0.75 mm ²
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

Specification	Side B
Cable gland	EMC
Cable dismantled	Yes
Wires equipped with	Cable lugs

PIN assignment

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

