

GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group



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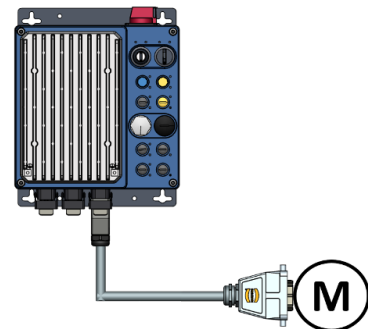
SC H4S2.5 HQ8SPM H10E1SMF xxx

Cable Hybrid Motor

Scope of supply

NORD Motor Cable
Preconfigured for connection via two power plugs.

Name	p/n	Length
SC H4S2.5 HQ8SPM H10E1SMF 1.5	275 274 810	1.5 m
SC H4S2.5 HQ8SPM H10E1SMF 3	275 274 811	3.0 m
SC H4S2.5 HQ8SPM H10E1SMF 5	275 274 812	5.0 m
SC H4S2.5 HQ8SPM H10E1SMF 10	275 274 813	10.0 m



Field of use

The cable is useable for the following motor option:

- NORD Motor power plug connector “MS31E” or “MS31”

Necessary inverter accessory:

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

- NORD Motor output plug HAN Q8

⚠ 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 H10E1SMF xxx			
Specification of connection cable	TI 275274810-813	3.0	3820	en


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 A (EU)
Rated voltage	500 V (EU)
Pollution degree	3

Specification	Plug Motor
Number of contacts	10 + PE
Type of contacts	Female (F)
Housing type	Straight (EMC)
Housing material	Aluminium (die-cast)

Specification	Cable (02)
AWM Style	2570
Cross section	2.5 / 1 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

PIN assignment

Potential	PIN assignment Electronics		(Cable colour) Designation acc. to AWM Style	PIN assignment Motor	Potential
U	1		(Black) U / L1 / C / L+	1	U1 / T1
V	7		(Black) V / L2	2	V1 / T2
W	3		(Black) W / L3 / D / L-	3	W1 / T3
⊕	PE	PE	Green- Yellow	PE	⊕
		Cable shield		EMC cable gland	
BR -	4		(Black) 5	4	MB -
BR +	6		(Black) 6	5	MB +
TF -	5		(Black) 7	9	TF -
TF +	8		(Black) 8	10	TF +

