

GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group

Getriebebau NORD GmbH & Co. KG

Getriebebau-Nord-Straße 1 • 22941 Bargteheide, Germany • www.nord.com



SK TIE4-HANQ8-M-MA-MX

Motor outlet connection extension

Part number: 275 135 050



Scope of delivery

1 x	Housing attachment HAN-Compact with plastic cap
1 x	Contact insert HAN Q8/0
7 x	Connecting line
1 x	Earthing line
1 x	Adapter plate
4 x	Contact plate for M4
4 x	Cap screw DIN 6912 M4x10
1 x	Seal HAN 10E 200533500
<i>Accessories required:</i>	
1 x	SK TIE4-adapter kit-HAN



Field of use

Connection extension for a plug-in motor outlet (power supply) to make the connection to the motor from an inverter which is mounted near to the motor (e.g. wall-mounted). The Harting plug connector is equipped with 8 contacts (+PE) and has a 1-clamp locking system. An additional M16 x 1.5 threaded hole is available.

A separate plug connector (e.g. SK TIE4-HANQ8-K-LE-MX) must be selected for the plug connector for the incoming voltage supply (power input) from the mains (or upstream inverter).

An additional spacer plate is required for side mounting on an inverter SK TIE4-adapter kit-HAN, Part No.: 275 274 100).



Technical Information / Datasheet		SK TIE4-HANQ8-M-MA-MX			
Connection extension	TI 275135050	V 1.3	2221	en	

Technical data

Plug connector type	Harting HAN Q8/0
Number of contacts	8 +PE
Cable cross-section Power side	0.14 ... 4 mm ²
Contact insert	Socket insert (F)
Housing design	Metal
Protection class	IP65
Rated current	16 A
Rated voltage	500 V

Connections

HAN Q8/0 PIN	Potential	SK 135E ... 175E Terminal	SK 180E ... 190E Terminal	SK 2xxE Terminal
1	U	U	U	U
7	V	V	V	V
3	W	W	W	W
PE	PE	PE	PE	PE
6	Electromagnetic brake +	79	79*	79 **
4	Electromagnetic brake -	80	80*	80 **
5	Temperature sensor +	38	38	38
8	Temperature sensor -	39	39	39

* For the control of an electromechanical brake, an electronic brake rectifier SK CU4-MBR is required.

** Sizes I to III of the SK 2x0E are not equipped with a connection terminal for an electromechanical brake (SK CU4-MBR, optional).

Optional accessories (not contained in the article)

Power plug connector HAN Q8/0 (male) - (Counterpart to the installed socket)

Number	Designation	Manufacturer	Information
1 x	Sleeve housing, HAN-Compact	Harting	e.g. Harting order number: 19 12 008 0426 (straight cable outlet, metal)
1 x	Contact insert HAN Q8/0 (pin insert)	Harting	Harting order number: 09 12 008 3001
8 x	Crimp contact socket 1.5 mm ²	Harting	Harting order number: 09 33 000 6104
1 x	HAN-Compact Half cable gland	Harting	e.g. Harting order number: 19 12 000 5058 (M25 – 14...17 mm EMC version)

Information

The optional accessories listed above are recommended by Getriebebau NORD. However, the accessories cannot be obtained from NORD!

Additional documentation and software (www.nord.com)

Document	Designation
BU 0135	Manual for Motor Starters SK 135E, SK 175E
BU 0180	Manual for Frequency Inverters SK 180E, SK 190E
BU 0200	Manual for Frequency Inverters SK 2xxE
TI 275274100	Technical Information SK TIE4-adapter kit-HAN