

GETRIEBEBAU NORD

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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 |