

GETRIEBEBAU NORD

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SK CE-HQ2-K-BRW5-OE-2UL

Part number: 275 274 280

Cable for connection of an external braking resistor to a NORDAC LINK SK 2xxE-FDS



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!

CAUTION

Danger of burns

The module and all other metal components can heat up to temperatures above 70 °C.

- Sufficient cooling time must be allowed for when working on the components in order to avoid injuries (local burns) to parts of the body coming into contact with the components.
- In order to avoid damage to neighbouring objects, sufficient clearance must be maintained during installation.

NOTICE

Validity of this document

This document is only valid in combination with the operating instructions for the relevant frequency inverter. Safe commissioning of this module and the frequency inverter depends on the availability of this information.

| | | | | |
|--|--------------------------------|-------|------|----|
| Technical Information / Datasheet | SK CE-HQ2-K-BRW5-OE-2UL | | | |
| accessories | | V 1.0 | 3719 | en |

Scope of delivery

| | |
|-----|--|
| 1 x | Connection cable incl. HAN Q2 plug connector |
|-----|--|



Field of use

Shielded connection cable for plug connection of an external braking resistor directly to a NORDAC *LINK* SK 2xxE-FDS with a HAN Q2 plug connector. For Size 1, connection is made to option slot X2 of the SK 2xxE-FDS. For Size 2, in addition to option slot X2, X4 is also available for connection of the braking resistor.



Technical Data

General

| | | |
|--------------------------|----|-----------|
| Tightening torque | | |
| Cable gland M20 | Nm | 1.5 – 2.0 |
| Weight (approx.) | kg | 0.8 |
| Testing voltage | V | 1000 |

| | |
|-------------------------|-------------------|
| Certifications | UL, CSA, CE, RoHS |
| Protection class | IP67 |
| Fastening | |
| Stirrup clamp | Engage |

| | |
|----------------------------|---------------------------|
| Plug connector type | HAN Q 2/0 (Pin, M) |
| Number of contacts | 2 +PE |
| Cable cross-section | 2.5 mm ² |
| Rated current | 40 A |
| Rated voltage | 830 V |
| Housing | Plastic, black |
| Contact insert | Pin insert (M) |
| Version | straight |

| | |
|--------------------------|---------------------------|
| Connection cables | |
| Cable gland | M20 x 1 Plastic, black |
| Cable connection | Open end of cable |
| Type | Shielded |

Dimensions

| Connection cable [mm] | | |
|---------------------------|-----------|------------------|
| Length | L | 2120 |
| Lead black / black | L | 30 |
| Lead green / grey / white | L | 40 |
| Separate lead | L | 10 |
| Housing | W x H x D | 35.1 / 26.5 / 60 |



Connections

| HAN Q 2/0 connections | Wire colour | | Cable labelling | Cable number |
|-----------------------|-------------|--------|-----------------------|--------------|
| 1 | Black | | B- (braking resistor) | 1 |
| 2 | Black | | B+ (braking resistor) | 2 |
| 2 | Green | Yellow | PE | PE |

 Further documentation and software: www.nord.com

| Document | Name |
|-------------------------|--|
| BU_0250 | Manual for frequency inverters SK 250E-FDS – SK 280E-FDS as field distributors |

| Part No. | Name | Option / Component |
|------------------------------|-------------------|--|
| TI_278281070 | SK BRW5-1-300-225 | External 300 Ω braking resistor Size 1 for wall mounting |
| TI_278281071 | SK BRW5-2-150-450 | External 150 Ω braking resistor Size 2 for wall mounting |