

GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group



Getriebebau NORD GmbH & Co. KG

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SK TIE4-NQ16-K-LA

Part number: 275 274 173

Power output connection extension

Scope of delivery

1 x	Housing attachment NQ16 With Contact insert (5-pol. +PE) - (Female)
5 x	Connection cable (3x black, 2x blue)
1 x	Earthing line
1 x	Reducer M25/M20 (brass)



Field of use

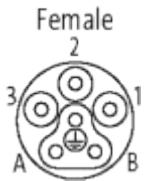
Connection extension for pluggable mains voltage supply (power output) directly from the drive electronics (or connection unit). The plug connector has 3 contacts for the power input (+PE) and 2 auxiliary contacts and is equipped with a locking system.

Attachment to the drive electronics is made directly onto an M25 cable gland via an M25/M20 reducer.



Technical Information / Datasheet	SK TIE4-NQ16-K-LA			
Connection extension	TI_275274173	V 1.1	3923	en

Technical data

Plug connector type	NORD NQ16	
Number of contacts	5 +PE	
Cable cross-section	2.5 mm ²	
Contact insert	Female (F)	
Rated current for power contact	16 A	
Rated voltage for power contact	630 V	
Rated current for signal contact	10 A	
Rated voltage for signal contact	63 V	
Housing material	Plastic	
Housing version	Straight	
Protection class	IP67	

Connections

NQ16 PIN	Potential	NORDAC START Terminal	NORDAC BASE Terminal	NORDAC FLEX Terminal
1 (black)	L1	L1	L1	L1
2 (black)	L2	L2	L2	L2
3 (black)	L3	L3	L3	L3
PE (green/yellow)	PE	PE	PE	PE
A (blue)	24 V	44	44 *	44 *
B (blue)	GND	40	40 *	40 *

* For the NORDAC *FLEX* and NORDAC *BASE* series, an optional bus module can be supplied with an external 24V power supply using this plug connector system.

Optional equipment (not included in scope of supply)

Daisy-Chain power cable with 2x NQ16 power plugs (Male/Female).

Function	Designation	p/n	Information
Daisy-Chain cable	SC H6S2.5 NQ16SPM NQ16SPF 1.5 UL	275274288	Length: 1.5 m
Daisy-Chain cable	SC H6S2.5 NQ16SPM NQ16SPF 3 UL	275274289	Length: 3 m
Daisy-Chain cable	SC H6S2.5 NQ16SPM NQ16SPF 5 UL	275274290	Length: 5 m
Daisy-Chain cable	SC H6S2.5 NQ16SPM NQ16SPF 10 UL	275274291	Length: 10 m

Additional documentation and software (www.nord.com)

Document	Designation
BU_0135	Manual for Motor Starters NORDAC <i>START</i>
BU_0180	Frequency Inverter Manual NORDAC <i>BASE</i>
BU_0200	Manual for Frequency Inverters NORDAC <i>FLEX</i>