

# GETRIEBEBAU NORD

Member of the NORD DRIVESYSTEMS Group



Getriebebau NORD GmbH & Co. KG

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## SK TIE4-NQ16-M-MA

Part number: 275 274 172

Motor output connection extension

### Scope of supply

1 x	M20 screwed-in thread housing NQ16 (metal)
1 x	Contact insert NQ16 (Female)
5 x	Connection wires (3x black, 2x blue)
1 x	Earthing line
1 x	Reducer M25/M20 (brass)



### Field of use

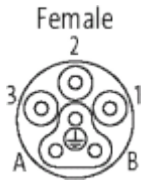
The plug-in solution is useable for a motor voltage supply (motor output) directly on the drive electronics (or connection unit). The plug connector has 3 contacts for the power input (+PE) and 2 auxiliary contacts and is equipped with a locking system.

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



Technical Information / Datasheet	SK TIE4-NQ16-M-MA			
Connection extension	TI_275274172	V 2.1	4422	en

### Technical data

<b>Plug connector type</b>	<b>NORD NQ16</b>	
Number of contacts	5 +PE	
Cable cross-section	2.5 mm <sup>2</sup>	
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	Metal	
Housing version	Straight	
Protection class	IP67	

### Connections

NQ16 PIN	Potential	SK 135E ... 175E Terminal	SK 180E ... 190E Terminal	SK 2xxE Terminal
1 (black)	Motor phase U	U	U	U
2 (black)	Motor phase V	V	V	V
3 (black)	Motor phase W	W	W	W
PE (green/yellow)	PE	PE	PE	PE
A (blue)	TF+	38	38	38
B (blue)	TF-	39	39	39

### Optional accessories (not included in scope of supply)

Motor cable with NQ16 plug (Male) - (Counterpart to installed plug connector)

Function	Designation	p/n	Information
Motor cable	SC H4S2.5 NQ16SMM OEA4 0.6	275274859	Length: 0.6 m

Other cables on request.

### Additional documentation and software ([www.nord.com](http://www.nord.com))

Document	Designation
<a href="#">BU 0135</a>	Manual for Motor Starters SK 135E, SK 175E
<a href="#">BU 0180</a>	Frequency Inverter Manual for SK 180E, SK 190E
<a href="#">BU 0200</a>	Manual for Frequency Inverters SK 2xxE