

## SK TIE4-NQ16-K-LE

Part number: 275 274 133

Power input connection extension

### Scope of delivery

1 x	Housing attachment NQ16 with plastic cap
1 x	Contact insert NQ16 (5 pin + PE)
5 x	Connection cable (3x black, 2x blue)
1 x	Earthing line
1 x	Reducer M25/M20 PA6



### Field of use

Connection extension for plug-in mains voltage connection (power input) directly on the drive electronics (or connection unit) or on the motor terminal box. 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.



<b>Technical Information / Datasheet</b>	<b>SK TIE4-NQ16-K-LE</b>			
Connection extension	TI 275274133	V 1.0	0616	EN

### Technical data

<b>Plug connector type</b>	<b>NORD NQ16</b>
Number of contacts	5 +PE
Cable cross-section	0.37 ... 2.5 mm <sup>2</sup>
Contact insert	Pin insert (M)
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
Version	Straight
Protection class	IP67

### Connections

NQ16 PIN		Potential	SK 135E ... 175E Terminal	SK 180E ... 190E Terminal	SK 2xxE 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 SK 2x0E / SK 180E series, an optional bus module can be supplied with an external 24V power supply using this plug connector system.

### Optional accessories (not contained in the article)

Power plug connector NQ16 (socket) - (Counterpart to installed plug connector)

Number	Designation	Manufacturer	Information
1 x	W-TEC_15K_Smooth/Straight socket_6x2.5 (1x socket with straight outlet, 1x open cable end)	LQ group	e.g. 1124257-xxxxx (x = placeholder for cable length)
Alternative			
1 x	W-TEC_15K_Smooth/90°R socket_6x2.5 (1x socket with 90° outlet, 1x open cable end)	LQ group	e.g. 1127207-xxxxx (x = placeholder for cable length)

### 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