

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.



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

Technical data

Plug connector type	NORD NQ16
Number of contacts	5 +PE
Cable cross-section	0.37 ... 2.5 mm ²
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)

Document	Designation
BU 0135	Manual for Motor Starters SK 135E, SK 175E
BU 0180	Frequency Inverter Manual for SK 180E, SK 190E
BU 0200	Manual for Frequency Inverters SK 2xxE