

SK TIE4-HQ4+Q8-M-LE-MA

Connection extension power input / motor outlet

Part number: 275 274 114



Scope of delivery

1 x	Adapter plate with seal
2 x	Housing attachment HAN-Compact with plastic cap
1 x	Contact insert HAN Q4/2 (pin)
1 x	Contact insert HAN Q8/0 (socket)
10 x	Connecting line
2 x	Earthing line
<i>Accessories required:</i>	
1 x	SK TIE4-adapter kit-HAN



Field of use

Connection extension with a plug-in mains connection (power input, type HANQ4/2) and a motor outlet (power supply, type HANQ8/0) for connection of the motor to an inverter which is installed close to the motor (e.g. wall-mounted).

An additional spacer plate is required for mounting on an inverter (SK TIE4-adapter kit-HAN, Part No.: 275 274 100).



Technical Information / Datasheet	SK TIE4-HQ4+Q8-M-LE-MA			
Connection extension	TI 275274114	V 1.1	2314	EN

Technical data

Plug connector type	HAN-Q4/2 (pin)
Number of contacts	4/2 +PE
Cable cross section, power side	1.5 ... 6 mm ²
Rated current, power side	40 A
Rated voltage, power side	400 V
Cable cross section, signal side	0.14 ... 2.5 mm ²
Rated current, signal side	10 A
Rated voltage, signal side	250 V
Contact insert	Pin insert (M)
Version	straight
Protection class	IP65

Plug connector type	HAN-Q8 (socket)
Number of contacts	8 +PE
Cable cross section, power side	0.14 ... 4 mm ²
Rated current, power side	16 A
Rated voltage, power side	500 V
Cable cross section, signal side	-
Rated current, signal side	-
Rated voltage, signal side	-
Contact insert	Socket insert (F)
Version	straight
Protection class	IP65

Connections

HAN-Q4/2 PIN	Potential	SK 135E ... 175E Terminal	SK 180E ... 190E Terminal	SK 2xxE Terminal
1	L1	L1	L1	L1
2	L2	L2	L2	L2
3	L3	L3	L3	L3
PE	PE	PE	PE	PE

HAN Q8/0 PIN	Potential	SK 135E ... 175E Terminal	SK 180E ... 190E Terminal	SK 2xxE Terminal
1	U	U	U	U
7	V	V	V	V
3	W	W	W	W
PE	PE	PE	PE	PE
6	Electromagnetic brake +	79	79*	79 **
4	Electromagnetic brake -	80	80*	80 **
5	Temperature sensor +	38	38	38
8	Temperature sensor -	39	39	39

* For the control of an electromechanical brake, an electronic brake rectifier SK CU4-MBR is required.

** Sizes I to III of the SK 2x0E are not equipped with a connection terminal for an electromechanical brake (SK CU4-MBR, optional).

Optional accessories (not contained in the article)

Power plug connector HAN Q4/2 (socket) - (Counterpart to installed plug connector)

Number	Designation	Manufacturer	Information
1 x	Sleeve housing, HAN-Compact	Harting	e.g. Harting order number: 19 12 008 0429 (straight cable outlet, M25)
1 x	Contact insert HAN Q4/2 (socket)	Harting	Harting order number: 09 12 006 3141
4 x	Crimp contact socket 4mm ²	Harting	Harting order number: 09 32 000 6207
2 x	Crimp contact socket 0.75mm ²	Harting	Harting order number: 09 15 000 6205
1 x	HAN-Compact Half cable gland	Harting	e.g. Harting order number: 19 12 000 5158 (M25 – 14...17mm)

Power plug connector HAN Q8/0 (pin) - (Counterpart to the installed socket)

Number	Designation	Manufacturer	Information
1 x	Sleeve housing, HAN-Compact	Harting	e.g. Harting order number: 19 12 008 0429 (straight cable outlet)
1 x	Contact insert HAN Q8/0 (pin insert)	Harting	Harting order number: 09 12 008 3001
8 x	Crimp contact socket 1.5 mm ²	Harting	Harting order number: 09 33 000 6104
1 x	HAN-Compact Half cable gland	Harting	e.g. Harting order number: 19 12 000 5158 (M25 – 14...17 mm)

Additional documentation and software (www.nord.com)

Document	Designation
BU_0135	Manual for Motor Starters SK 135E, SK 175E
BU_0180	Manual for Frequency Inverters SK 180E, SK 190E
BU_0200	Manual for Frequency Inverters SK 2xxE
TI_275274100	Technical Information SK TIE4-adapter kit-HAN