

SK TIE4-HANQ5+Q7-M-LE-IO

Connection extension for power / signal input

Part number: 275 274 115



Scope of delivery

1 x	Adapter plate with seal
2 x	Lead through grommet
2 x	Housing attachment HAN 3A with plastic cap
1 x	Pin insert (M) HAN Q5/0
1 x	Pin insert (M) HAN Q7/0
1 x	Cable kit
4 x	Cylinder head screw with contact washer



Field of use

Connection extension with a plug-in mains voltage connection (power input) and a plug-in signal connection. The power input is via a 5-pin plug connector (+PE) (Type: HAN Q5/0), the signal input is via a 7-pin plug connector (+PE) (Type: HAN Q7/0).



Technical Information / Datasheet	SK TIE4-HANQ5+Q7-M-LE-IO			
Connection extension	TI 275274115	V 1.0	2014	EN

Technical data

Plug connector type	HAN-Q5 (pin)
Number of contacts	5 +PE
Cable cross-section	0.5 ... 2.5 mm ²
Rated current	16 A
Rated voltage	400 V
Contact insert	Pin insert (M)
Version	90° angled plug connector
Protection class	IP65

Plug connector type	HAN-Q7 (pin)
Number of contacts	7 +PE
Cable cross-section	0.14 ... 2.5 mm ²
Rated current	10 A
Rated voltage	400 V
Contact insert	Pin insert (M)
Version	90° angled plug connector
Protection class	IP65

Connections

HAN-Q5 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
4	L	External fan	External fan	External fan
5	N	External fan	External fan	External fan
PE	PE	PE	PE	PE

HAN-Q7 PIN	Potential	SK 135E ... 175E Terminal	SK 180E ... 190E Terminal	SK 2xxE Terminal
1	24 V external	44	-	44 *
2	GND	40	40	40 *
3	DIN1, Digital Input 1	21	21	21 *
4	Analog Input 1	-	14	14 *
5	Analog Input 2	-	16	16 *
6	24V SH, "Safe stop"	-	-	89 *
7	GND SH	-	-	88*
PE	Shield	-	-	-

* Details of terminals if the signal inputs are present.

Optional accessories (not contained in the article)

HAN Q5 (socket) - (Counterpart to installed plug connector)

Number	Designation	Manufacturer	Information
1 x	Sleeve housing, HAN-A	Harting	e.g. Harting order number: 19 20 003 1440
1 x	HAN Q5/0-F-QL Quick-Lock	Harting	Harting order number: 09 12 005 2733
1 x	HAN 3A fastening screw	Harting	Harting order number: 09 20 000 9918
1 x	Cable gland SKINDICHT SKZ-M M20 x 1.5, 13-15 mm	LAPP Kabel	52106830

HAN Q7 (socket) - (Counterpart to installed plug connector)

Number	Designation	Manufacturer	Information
1 x	Sleeve housing, HAN-A	Harting	e.g. Harting order number: 19 20 003 1440
1 x	HAN Q7/0 socket insert	Harting	Harting order number: 09 12 007 3101
7 x	Crimp contact 1.5 mm ²	Harting	Harting order number: 09 15 000 6201
1 x	HAN 3A fastening screw	Harting	Harting order number: 09 20 000 9918
1 x	Cable gland SKINDICHT SKZ-M M20 x 1.5, 11-13 mm	LAPP Kabel	52106820

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