

SK TIE4-SWT

Part number: 275 274 701

Switch "L – OFF – R"

NOTICE

Validity of this document

This document is only valid in combination with the operating instructions for the relevant electronic drive technology and under strict compliance with the safety and warning instructions which they contain. Safe commissioning of this module and the electronic drive technology depends on the availability of this information.

Scope of delivery

1 x	Module incl. fitted connection cable	SK TIE4-SWT
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Field of use


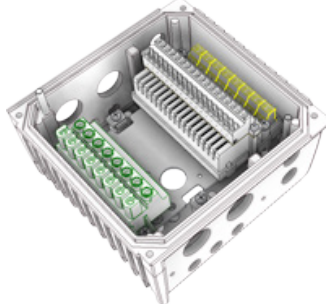
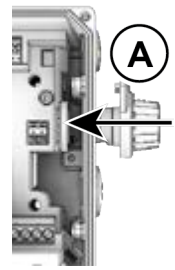
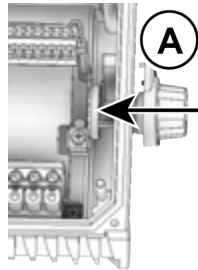
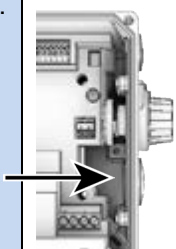
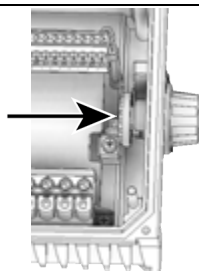
Switch for installation in a decentralised electronic drive technology frequency inverter. This module allows the drive unit to be started in the enabled directions *Left* und *Right* and also to be switched off. When correctly installed, the module complies with protection class IP66.

Installation

Installation location	In an M25 cable gland on the frequency inverter (SK 1xxE, 2xxE)
Fastening	with threaded ring


Technical Information / Datasheet	SK TIE4-SWT			
Switch	TI 275274701	V 1.0	0516	EN

Installation steps (example illustration)

	SK 1xxE	SK 2xxE	
1.			
2.		<ul style="list-style-type: none"> – Unscrew the blind plugs from the M25 cable gland of the frequency inverter – Unscrew the threaded ring (see arrow) from the module – Insert the cables into the terminal box – Align the module so that the lugs (A) can be inserted into the threaded holes at the side, next to the cable gland 	
3.		<ul style="list-style-type: none"> – Tighten the threaded ring (see arrow) finger tight onto the module from the inside 	

i Information

Installation location

With SK 1x0E frequency inverters, for space reasons only the M25 cable glands directly next to the cooling ribs on both sides can be used (Position 3BL und 3BR –  Frequency inverter manual).

Connection

The module must be connected to the corresponding terminals of the frequency inverter. The factory setting of the frequency inverter then provides the typical functions. In case of changes, the parameterisation of the frequency inverter may need to be modified.

Connection example

1	black	DIN1	Connection to a digital input of the electronic drive technology, Recommendation: Digital Input 1. This must be parameterised to "Enable right"
2	brown	24 V DC	Connection to the 24 V output of the electronic drive technology or other 24 V DC supply.
3	white	DIN2	Connection to a digital input of the electronic drive technology, Recommendation: Digital Input 2. This must be parameterised to "Enable left"

Further documentation (www.nord.com)

Document	Designation
BU_0135	Motor starter manual SK 135E, SK 175E
BU_0180	Frequency inverter manual SK 180E, SK 190E
BU_0200	Frequency inverter manual SK 2xxE

Document	Designation
Link_IO	Overview of IO expansions
TI_275271006	Technical information / Data sheet SK CU4-IOE
Link_24V	Overview of 24 V CD mains units
TI_275271108	Technical information / Data sheet SK CU4-24V-123-B
TI_275271109	Technical information / Data sheet SK CU4-24V-140-B