

## SK EMC2-6

Part number: 275 999 061

EMC KIT

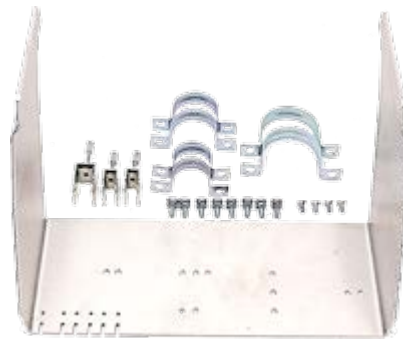
### NOTICE

#### Validity of document

This document is only valid in combination with the operating instructions for the particular frequency inverter. Only these documents contain all of the information that is required for safe commissioning of the module and the frequency inverter.

#### Scope of delivery

1 x	Shield bracket	
1 x	Shielding terminal	SK 14
2 x	Shielding terminals	SK 8
2 x	Cable clips	605-47
2 x	Cable clips	605-37
2 x	Cable clips	605-55
8 x	Fastening screws	M5 x 12
4 x	Countersunk	M4 x 8



#### Field of use

Frequency inverters have been developed for operation in industrial environments. In these environments, the device may be subject to high electromagnetic interferences or emit them itself. Using the EMC kit minimises these interferences. It is furthermore the basis for optimum EMC-compliant cabling. As an alternative, the EMC kit can also be used as a strain relief (e.g. for the connecting cable of a bus system) (observe bending radii!)

#### Frequency inverter assignment


Permissible frequency inverters	Size	Power
SK 5xxE-452-3x0- ... SK 5xxE-552-3x0-...	8	45 kW ... 55 kW
SK 5xxE-752-3x0- ... SK 5xxE-902-3x0-...	9	75 kW ... 90 kW
SK 5xxP-452-340-A ... SK 5xxP-552-340-A	7	45 kW ... 55 kW
SK 5xxP-752-340-A ... SK 5xxP-902-340-A	8	75 kW ... 90 kW

Technical Information / Datasheet	SK EMC2-6			
EMC kit	TI 275999061	V 1.1	3224	en

### Technical data

<b>Material</b>	AlMgSi Aluminium-Magnesium-Silicon
<b>Fastening</b>	Available on the housing
<b>Weight [kg]</b>	≈ 1.0


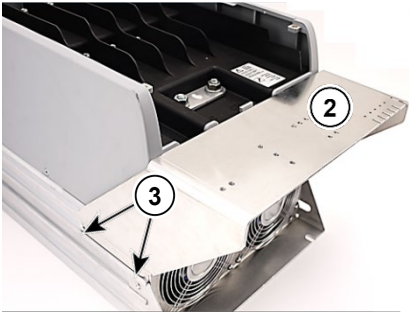

<b>Dimensions [mm] <sup>1)</sup></b>	270.5 x 59
Width x Depth	
<b>Tightening torque [Nm]</b>	
Shielding terminal SK 8	0.6
Shielding terminal SK 14	0.8

1) The depth data relates to the end of the mounting bracket and must be added as an increase in length to the basic device ("A" dimension of the housing dimensions, details  Frequency inverter manual).

### Installation

<b>Installation location</b>	Laterally on the edge (next to the fan) on the housing
<b>Fastening</b>	By using supplied fastening screws

### Installation steps

1.	<ul style="list-style-type: none"> <li>Loosen housing cover screws (1)</li> <li>Remove housing cover</li> </ul>	
2.	<ul style="list-style-type: none"> <li>Mount shield bracket (2) using the related and supplied screws (3) on both sides of the heat sink</li> </ul>	
3.	<ul style="list-style-type: none"> <li>Mount shielding terminals (4) on the right side of the shield bracket, depending on requirements</li> <li>Mount cable clips (5) depending on requirements → Installation possible on both sides (6)</li> <li>Pass through connection cable</li> <li>Tighten shielding terminal screw taking into account the tightening torque</li> </ul> <p><b>Connect cable shields over a large area with shielding terminals and cable clips!</b></p>	

### Further documentation and software [www.nord.com](http://www.nord.com)

Document	Designation
<a href="#">BU_0500</a>	Frequency inverter manual SK 500E – SK 535E
<a href="#">BU_0600</a>	Frequency inverter manual SK 500P

Document	Designation
<a href="#">BU_0505</a>	Frequency inverter manual SK 54xE