

## SK EMC2-2

Part number: 275 999 021

EMC Kit

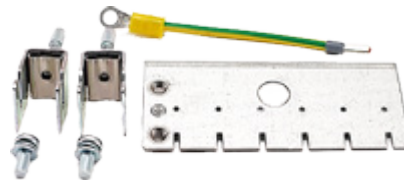
### NOTICE

### Validity of this document

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

### Scope of delivery

1 x	Shield angle	
2 x	Shield terminals	SK 14
2 x	Fastening screws	M5 x 12
1 x	PE cable	



### Area of use

The frequency inverters have been developed for use in an industrial environment. In this environment, high levels of electromagnetic interference can act on or may be radiated by the frequency inverter. This interference is minimised by the use of an EMC kit. This also forms the basis for optimum EMC-compliant wiring. Alternatively, the EMC kit can also be used purely as a strain relief (e.g. for the connection cables of a bus system) (observe the bending radii).

### Frequency inverter assignment

Permissible frequency inverters	Size	Power
SK 5xxE-301- ... SK 5xxE-401-	3	3 kW ... 4 kW
SK 5xxE-551-340- ... SK 5xxE-751-340-	4	5.5 kW ... 7.5 kW

### Information

The EMC Kit cannot be combined with ...-CP (ColdPlate) devices. Any cable shielding must be earthed to a large area of the mounting surface.

### Technical data

Material	Stainless steel
Fastening	2 x M5

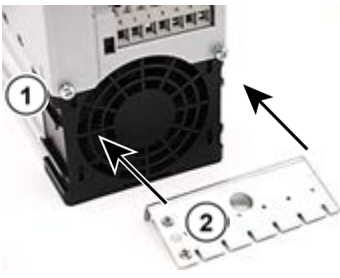


Dimensions [mm]	98 x 42
Width x Depth	
Weight	≈ 0.1 kg

Technical Information / Datasheet	SK EMC2-2			
EMC kit	TI 275999021	V 1.0	1115	EN

### Installation

<b>Installation location</b>	Lower edge (below the U-V-W terminals) on the housing screws
<b>Fastening</b>	With the fastening screws supplied

#### Installation steps \*

1.	<ul style="list-style-type: none"> <li>Loosen the housing screws ( 1 ), but do not remove them</li> <li>Hook in the shield bracket ( 2 ) between the screw head and the housing</li> <li>Re-tighten the housing screws</li> </ul>	
2.	<ul style="list-style-type: none"> <li>Fit the PE cable ( 1 ) (included in the scope of delivery) to the shield angle with the appropriate screws</li> <li>Connect the PE cable ( 1 ) to the PE terminal of the frequency inverter</li> </ul> <p>Further PE connections to the shielding bracket are possible using additional ring cable lugs ( 2 ).</p>	
3.	<ul style="list-style-type: none"> <li>Arrange hammer clips ( 1 ) on the shield angle as required</li> <li>Pass the connecting cable through</li> </ul> <p><b>Connect the cable shield to a large area using clips!</b></p>	

\*Similar illustrations for different sizes

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

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

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