

SK EMC2-7

Part number: 275 999 071

EMC Kit

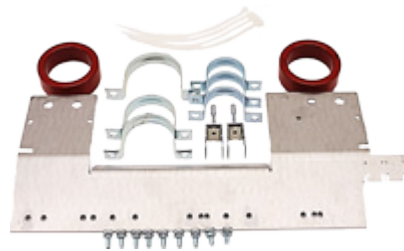
NOTICE

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	Cable clips	605-47
3 x	Cable clips	605-37
1 x	Cable clamps	605-55
2 x	Ring core	
8 x	Fastening screws	M5 x 12
4 x	Cable tie	



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-113- ... SK 5xxE-133-	10	110 kW ... 132 kW
SK 5xxE-163-	11	160 kW

Technical data

Material	AlMgSi alloy	Dimensions [mm]*	391 x 29
Fastening	Present on the housing	Width x Depth	
		Weight	≈ 1.1 kg

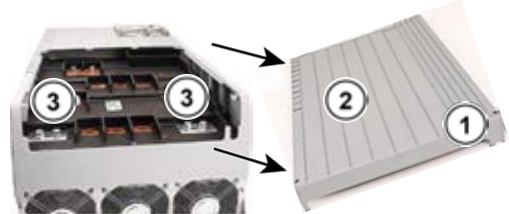


* The depth details relate to the end of the mounting bracket and is added to the length of the basic device (Dimension "A" of the housing dimensions →, refer to the frequency inverter manual).

Technical Information / Datasheet	SK EMC2-7			
EMC kit	TI 275999071	V 1.0	1115	EN

Installation

Installation location	Lower edge (above the fan) on the fastening screws
Fastening	With the fastening screws which have already been fitted

Installation steps

<p>1.</p> <ul style="list-style-type: none"> Loosen the housing cover screws (1) Remove the cover (2) Remove the fastening screws (3) 	
<p>2.</p> <ul style="list-style-type: none"> Insert and fit the shield bracket (1) using the previously loosened fastening screws (2) 	
<p>3.</p> <ul style="list-style-type: none"> Fit the hammer clips (1) on the shield angle Fit cable clips (2) as necessary Pass the connecting cable through <p>Connect the cable shield to a large area using clips!</p> <p>Pass the motor (U, V, W) and mains phases (L1, L2, L3) through the ring core supplied and fix it to the cable with cable ties.</p> <p>Do not pass the PE through the ring core!</p>	

Additional documentation and software www.nord.com

Document	Designation
BU_0500	SK 500E – SK 535E frequency inverter manual

Document	Designation
BU_0505	SK 54xE frequency inverter manual