

SK EMC2-2

Part number: 275 999 021

EMC KIT

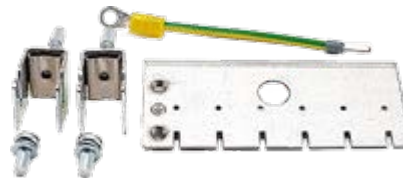
NOTICE

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



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-301-323- ... SK 5xxE-401-323-...	3	3.0 kW ... 4.0 kW
SK 5xxE-551-3x0- ... SK 5xxE-751-3x0-...	4	5.5 kW ... 7.5 kW

Information

ColdPlate

The EMC kit cannot be combined with the ...-CP (ColdPlate) devices. If present, the cable shield must be earthed over a large area on the mounting surface.

Technical Information / Datasheet	SK EMC2-2			
EMC kit	TI 275999021	V 1.1	3224	en

Technical data

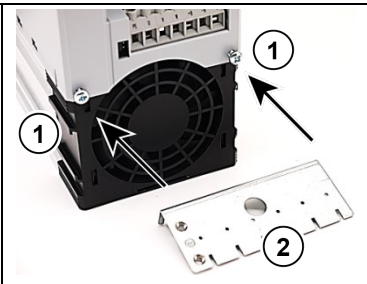
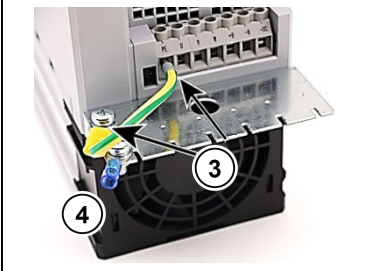

Material	Stainless steel
Fastening	2 x M5
Weight [kg]	≈ 0.1

Dimensions [mm] Width x Depth	98 x 42
Tightening torque [Nm] Shielding terminal SK 14	0.8

Installation

Installation location	Lower edge (below the U - V - W terminals) on the housing screws
Fastening	By using supplied fastening screws

Installation steps ¹⁾

1.	<ul style="list-style-type: none"> Loosen but do not remove housing screws (1) Hang shield bracket (2) between screw head and housing Tighten housing screws again 	
2.	<ul style="list-style-type: none"> Mount PE cable (3) on shield bracket using the related screw Connect PE cable (3) to PE terminal of the frequency inverter <p>Additional ring fork terminals (4) allow for the connection of further PE connections on the shield bracket.</p>	
3.	<ul style="list-style-type: none"> Arrange shielding terminals (5) on shield bracket, depending on requirements Pass through connection cable Tighten shielding terminal screw taking into account the tightening torque <p>Connect cable shields over a large area with shielding terminals!</p>	

1) Illustration similar for different sizes.

Further documentation and software www.nord.com

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

Document	Designation
BU_0505	Frequency inverter manual SK 54xE