



element14

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[DE51-LZ3-020-V4](#)

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Cette fiche technique est
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Type: **DE51-LZ3-020-V4**
 Article No.: **289965**
 Sales text **Radio interference filter 3 ph.**



Ordering information

Rated voltage	U_e	V	3 AC 480 V
Assigned frequency inverter			
DF			DF51-320-4K0 DF51-340-5K5 DF51-340-7K5
For use with			DV51-320-4K0 DV51-340-5K5 DV51-340-7K5

Notes concerning the table header

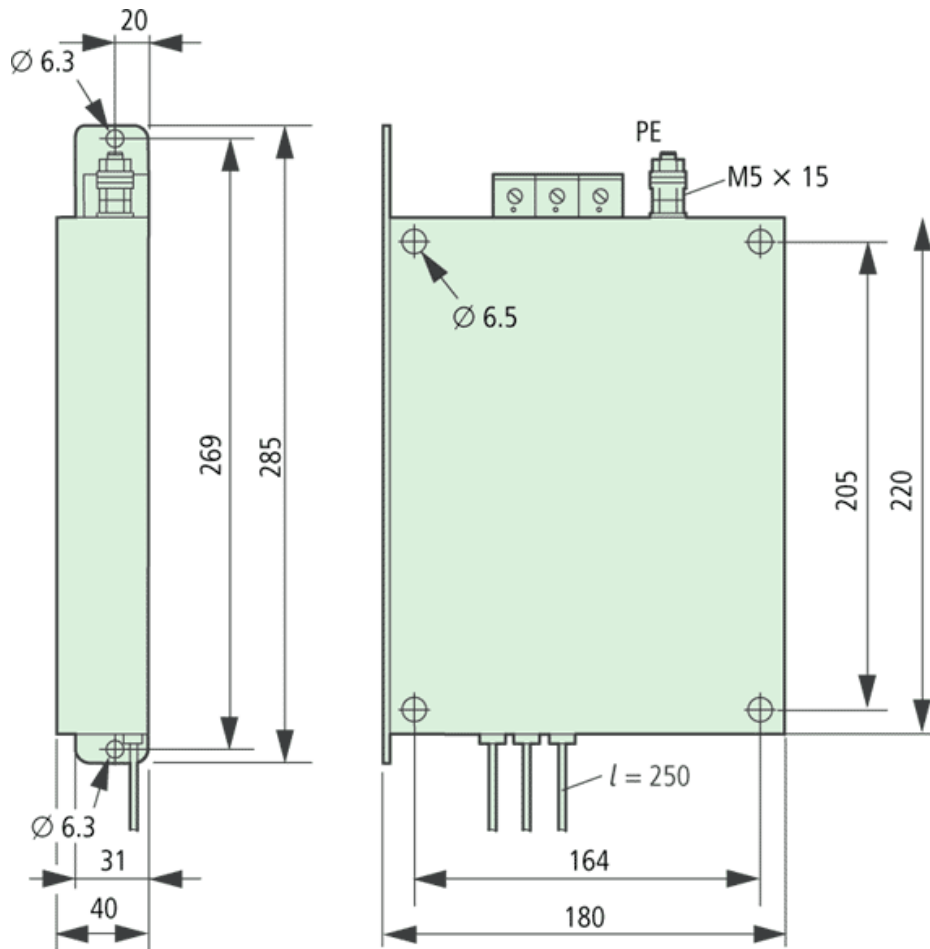
The radio interference suppression filters can be side- or footprint mounted to the frequency inverter.

General

Standards			EN 50178, IEC 61800-3, EN 61800-3 incl. A11
Environmental conditions			
Operating temperature		°C	-25...+100
Altitude		m	0...1000 a.s.l., derating above 1000: $I_e - 2\%/1000\text{ m}$
Mounting position			As required, vertically suspended preferred

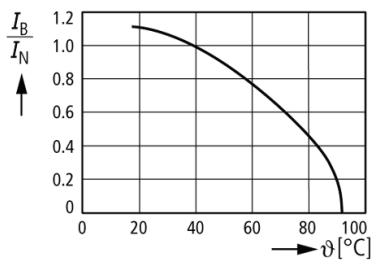
Free surrounding areas			In connection area (cable, terminals): 80 mm
Humidity class			C
Climatic class (IEC)			25/085/21
Protection type			IP 20 (terminals)
Dimensions (W × H × D)		mm	110 × 285 × 40
Weight		kg	1,2
Electrical data			
Test voltage in V DC, 2 s			
Phase/neutral pole		V	2100
Phase/PE		V	2650
Leakage current			
Max. leakage current in operation		mA	< 46
Max. leakage current when PE disconnected		mA	< 5,5
Max. leakage current PE and 2 external conductors disconnected		mA	< 210
Rated operating voltage	U_e	V AC	400
Rated voltage	U_e	V	3 AC 480 V
Supply frequency		Hz	50/60 (47...63 ± 0 %)
Rated operational current			
$U_i = 3\text{-phase } 400 \text{ V AC}$	I	A	20
Permissible overcurrent			150 % for 60 s, every 30 minutes
Heat dissipation with rated operational current I_e		W	12
Terminal capacities			
Solid		mm ²	0.2...4
flexible		mm ²	0.2...4
Cables to frequency inverter		mm ²	2 × 2.5, 250 mm
		AWG	12
PE stud			M5 × 15
Notes			

Dimensions



Notes

All rating data is based on an ambient temperature of +40°C.



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