

FUSS-EMV DC-bus-choke 3,2 A ac 400V + 25% from 3kHz to 120Hz

RS-part number:
Brand: FUSS-EMV
Manufacturer part number: ZKD400/800-3,2



Product details

DC-bus-choke will be connected to the DC-bus directly. The frequency inverter has to have a DC-Input. The DC-bus-choke is damping the harmonic current, is smoothing the DC-bus-current, is improving the energy efficiency of the frequency inverter and is extending the long life of the DC-bus capacitors. The harmonic current is within the limit and respects EN61000-3-12, $R_{sce} = 120$.

Permission

EN 60939; CE-conformity; UL 508 conformity; RoHS-conformity

Industrial standard – 1 phase

Characteristics

DC-bus-voltage	up to 1500 V dc
Rated current	3,2 A ac
Type	ZKD400/800-3,2

Type:

	<u>Rated current</u>	<u>DC-bus-voltage</u>
ZKD400/800-5,7	5,7 A	to 1500 V dc
ZKD400/800-12	12 A	to 1500 V dc
ZKD400/800-20	20 A	to 1500 V dc
ZKD400/800-27	27 A	to 1500 V dc
ZKD400/800-36	36 A	to 1500 V dc
ZKD400/800-53	53 A	to 1500 V dc
ZKD400/800-70	70 A	to 1500 V dc
ZKD400/800-86	86 A	to 1500 V dc
ZKD400/800-104	104 A	to 1500 V dc

RS-part number:
 Brand: FUSS-EMV
 Manufacturer part number: 3F480-007.260



Product details

EMI Line filter are used in electronic drive systems, mashines and device to reduce the highfrequency interference voltage to a norm respecting value.
 Valid norm which has to be respected to suppres interferences of drives ist he EN61800-3-ff, for other power electronical devices it ist he norm EN55011.
 These EMI Line filter are reaching a high damping caused by their two staged design. A C2 (EN61800) suppression level will be reached or class B (EN55011).

Permission

EN 60939; CE-conformity; UL 508; RoHS-conformity

Industrial standard – 3 phase

Characteristics

Rated voltage	480 V ac to max. 528 V ac
Operating frequency	to 60 Hz
Surrounding temperature	to 55°C oder Derating
Connection	Schraubklemmen
Leakage current	3 mA
Type	3F480-xxx.260

Type:

	<u>Rated current</u>	<u>Leakage current</u>
3F480-010.260	10 A	4 mA
3F480-016.260	16 A	6 mA
3F480-035.260	35 A	7 mA
3F480-063.260	63 A	7 mA
3F480-100.260	100 A	7 mA
3F480-125.260	125 A	7 mA
3F480-180.260	180 A	14 mA

RS-part number:

Brand: FUSS-EMV

Manufacturer part number: 4F480-007.260



Product details

4-Leiter-EMI-Netzfilter werden in elektrische Antriebssysteme, Maschinen und Geräte eingebaut, um die Netzurückwirkungen hochfrequenter Störspannungen auf ein normgerechtes Maß zu reduzieren, die auf einem TN-Netze basieren.

Gültige Normen für die Entstörung von Antrieben ist die EN61800-3-ff, für andere leistungselektronische Geräte die Fachgrundnorm EN55011.

Diese EMI Netzfilter sind 2-stufig aufgebaut und erreichen hohe Dämpfungen. Es können Entstörungen in der Gruppe C2 (EN61800) oder Klasse B (EN55011) erreicht werden.

Permission

EN 60939; CE-conformity; UL 508; RoHS-conform

Industriestandard – Dreiphasig + N-Leiter

Characteristics

Rated voltage	480 V ac to max. 528 V ac
Operating frequency	to 60 Hz
Surrounding temperature	to 55°C oder Derating
Connection	Schraubklemmen
Leakage current	3,1 mA
Type	4F480-xxx.260

Type:

	<u>Rated current</u>	<u>Leakage current</u>
4F480-010.260	10 A	3,1 mA
4F480-016.260	16 A	4,7 mA
4F480-032.260	31 A	6,9 mA
4F480-063.260	63 A	6,9 mA
4F480-100.260	100 A	10,7 mA
4F480-125.260	125 A	14,8 mA
4F480.150.260	150 A	14,8 mA

RS-part number:

Brand: FUSS-EMV

Manufacturer part number: 2F1000-013.200



Product details

DC to AC inverters supplying regenerative electrical energy has got a high potential in emitting electromagnetic interference. More and more efficient conversion by means of fast switching power semiconductors leads to an increasing level of radio frequency interference. The compact DC-EMI-filters 2F1000-xxx.260 assure compliance with the obligatory EMC-standards EN61000 regarding radiated interference from the DC-side.

Permission

EN 60939; CE-conformity; UL 508; RoHS-conformity

Industrial standard – 2-line DC

Characteristics

Rated voltage	1200 V dc
Rated current	13 A dc
Surrounding temperature	to 40°C or derating
Connection	Screw terminals
Loss	< 7 W
Type	2F1000-013.200

Type:

	<u>Rated current</u>	<u>Loss</u>
2F1000-025.200	25 A	8W
2F1000-050.200	50 A	17W
2F1000-100.200	100 A	18W
2F1000-150.200	150 A	21W

FUSS-EMV **EMV-DC-Line filter**
With copper bar

180 A dc

1200V

RS-part number:

Brand: FUSS-EMV

Manufacturer part number: 2F1000-180.260



Product details

DC to AC inverters supplying regenerative electrical energy has got a high potential in emitting electromagnetic interference. More and more efficient conversion by means of fast switching power semiconductors leads to an increasing level of radio frequency interference. The compact DC-EMI-filters 2F1000-xxx.260 assure compliance with the obligatory EMC-standards EN61000 regarding radiated interference from the DC-side.

Permission

EN 60939; CE-conformity; UL 508; RoHS-conformity

Industrial standard – 2-Line DC

Characteristics

Rated voltage	1200 V dc
Rated current	180 A dc
Surrounding temperature	to 40°C or derating
Connection	Copper bar, \varnothing 7 mm
Loss	< 7,8 W
Type	2F1000-180.260

Type:

	<u>Rated current</u>	<u>Loss</u>
2F1000-250.260	250 A	15 W