

RFI FILTER

Data Sheet

Datenblatt

Fiche Technique

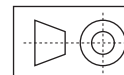
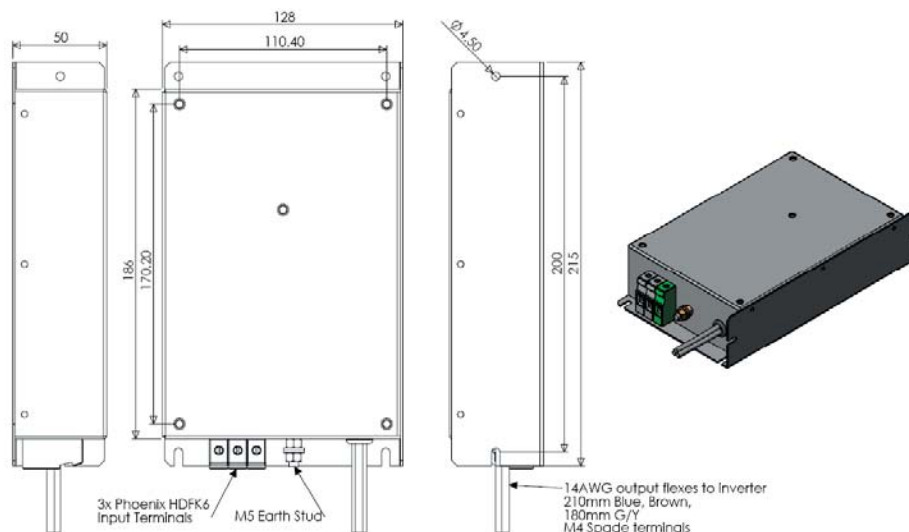
FILTER TYPE

NF-U-CHF100-12023

DIMENSIONS

ABMESSUNGEN

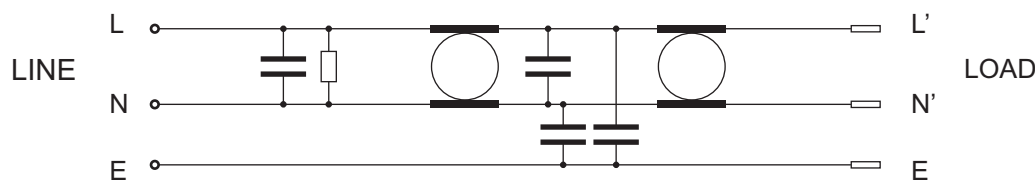
DIMENSIONS



CIRCUIT DIAGRAM

ELEKTR. SCHEMA

SCHEMA ELECTRIQUE



DATA	DATEN	CHARACTERISTIQUES	
RATED VOLTAGE	NENNSPANNUNG	TENSION NOMINALE	230V ±10%
RATED CURRENT	NENNSTROM	COURANT NOMINAL	23A
AT AMBIENT TEMP	BEI UMGEBUNGSTEMP	A UNE TEMPERATURE AMBIANTE	40°C
RATED OP FREQUENCY	BETRIEBSFREQUENZ	FREQUENCE DE SERVICE	48-62Hz
TEMPERATURE RANGE	ZULÄSSIGE BETRIEBSTEMP	GAMME DE TEMPERATURE	-25 -> +85°C
LEAKAGE CURRENT	ABLEITSTROM	COURANTE DE FUITE A	7.0mA
POWER LOSS	LEISTUNGSABFALL	PERTE DE PUISSANCE	ca. 5W
FLASH TEST VOLTAGE	PRÜFSPANNUNG	TENSION D'ESSAIS	2.2kVdc (P-E)
POTTING COMPOUND	VERGUSSMASSE	MATIERE DE MOULAGE	Polyurethane
WEIGHT	GEWICHT	POIDS	ca. 1kg
APPROVALS	PRÜFZEICHEN	HOMOLOGATIONS	CE

ADDITIONAL INFORMATION
ZUSATZANGABEN
INFORMATIONS SUPPLEMENTAIRES

filter is intended for use with invt CHF100-2R2G-S2
 220V single-phase inverters

built according to EN 60939-1, UL 1283, RoHS (2002/95/EC)

Design and Test Criteria

Generally with motor drive systems, the emission levels are greatly affected by the length of the cable between the drive itself and the motor - longer cables will cause considerably higher emissions.

- The inverter filter combinations here have been designed and tested to achieve compliance to:
- EN 55022:2006 Class B for use in domestic / light industrial environments (Equivalent to the RF emissions tests of Power Drive Standard EN 61800-3:2004 cat. C1) when fitted with up to 25m motor output cable
 - EN 55011:2006 Class A (Group 1) for use in industrial environments (Equivalent to the RF emissions tests of Power Drive Standard EN 61800-3:2004 cat. C2) when fitted with up to 50m motor output cable

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1	0.2 cable length revised	16.06.09	TB	
MODIFICATIONS		DATE	AUTHORISED	

DRAWN BY CDJ
 APPROVED BY TB
 DATE : 8.04.2009

FILTER TYPE	NF-U-CHF100-12023
DRAWING No.	DS 101-CHF
ISSUE No.	0.2

