Type code:
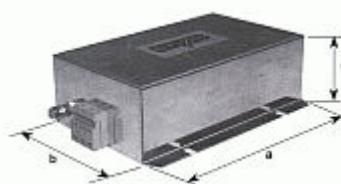**- ENFZ: Single-phase line filter / two step**

Generally:
- Two step filters cause:
- Attenuation of very high mains borne radio interference voltages out off the system and off the connected loads.
- Degree of protection IP20
- Metallic enclosure with ground connection as preparation for fitting in gears and systems of class of protection I
- Dimensioning for pollution severity P2
- maximum ambient temperature 40°C (climatic category 40/085/00 acc. to IEC68-1) / Insulation class B
- Frequency 50 to 60 Hz (see leakage currents in table)
- Voltage drop < 1V (concerning 50 Hz)
- Inductance tolerance +50% / -30%
- Vacuum-encapsulated
- Dimensioned for continuous operation (ED = 100 %)
- Connections on terminals - shockproof according to VBG4

Standards and basics:
- VDE0565-3 (IEC 60940)
„ Guideline for the use of capacitors, resistances, reactors and complete filter units for the suppressing of electromagnetic interference"
- IEC68-1 (EN 60086-1)
"Environmental tests"
- General technical conditions and information

- Nominal voltage:
250 V

Type designation, nominal currents, leakage currents, dimensions and weights for the types ENFZ								
Type designation	Nominal current in A	max. leakage current at 250V / 50Hz in mA	max. leakage current at 250V / 60Hz in mA	a in mm	b in mm	c in mm	Cu-weight in kg	total weight in kg
ENFZ1	1	4,6	5,5	115	60	60	0,01	0,7
ENFZ2	2	4,6	5,5	115	60	60	0,01	0,7
ENFZ3,15	3,15	4,6	5,5	115	60	60	0,015	0,7
ENFZ4	4	4,6	5,5	115	60	60	0,03	0,7
ENFZ5	5	4,6	5,5	115	60	60	0,06	0,7

ENFZ6,3	6,3	4,6	5,5	115	60	60	0,06	0,7
ENFZ8	8	4,6	5,5	115	60	60	0,06	0,85
ENFZ10	10	4,6	5,5	115	60	60	0,06	0,85
ENFZ12	12	4,6	5,5	145	60	60	0,07	1,1
ENFZ16	16	4,6	5,5	145	60	60	0,12	1,1
ENFZ20	20	4,6	5,5	145	60	60	0,14	1,1
ENFZ25	25	4,6	5,5	145	60	60	0,16	1,2
ENFZ30	30	4,6	5,5	240	100	60	0,3	1,9
ENFZ55	55	4,6	5,5	240	100	60	0,8	1,9

Options (on inquiry)
- Variants of connection (litz wires, clamp-type terminals or terminal studs)
- Filters for other operating conditions
- Filters in plastic packages