Type code:
- ENF: Single-phase line filter / single-stage /

Generally:
- Single-stage filter cause:
- Attenuation of the mainsborne radio interference voltage out of the system and of the connected loads.
(raising of the noise immunity of the gears or machines connected on load side)
- 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 current in the 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, leaking currents, dimensions and weights for the types ENF								
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
ENF1	1	4,5	5,4	70	60	60	0,01	0,4
ENF2	2	4,5	5,4	70	60	60	0,01	0,4
ENF3,15	3,15	4,5	5,4	70	60	60	0,01	0,4
ENF4	4	4,5	5,4	70	60	60	0,015	0,4
ENF5	5	4,5	5,4	70	60	60	0,03	0,4

ENF6,3	6,3	4,5	5,4	70	60	60	0,0	0,4
ENF8	8	4,5	5,4	70	60	60	0,03	0,5
ENF10	10	4,5	5,4	70	60	60	0,03	0,5
ENF12	12	4,5	5,4	80	60	60	0,04	0,6
ENF16	16	4,5	5,4	80	60	60	0,06	0,6
ENF20	20	4,5	5,4	80	60	60	0,07	0,6
ENF25	25	4,5	5,4	80	60	60	0,08	0,7
ENF30	30	4,5	5,4	120	100	60	0,15	1,1
ENF55	55	4,5	5,4	120	100	60	0,4	1,1

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