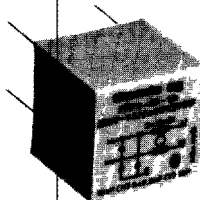
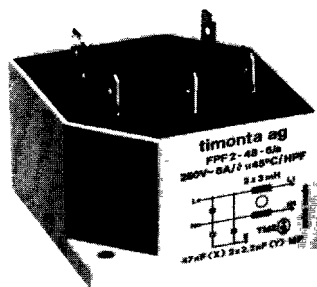
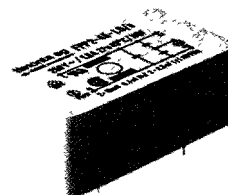


Netzentstörung Line interference suppression

quadratisch / square



flach / flat



Bewilligung erteilt
oder beantragt



Approval obtained
or pending

Störschutzfilter (Plastic-Gehäuse)

Störschutzfilter in Plastic-Gehäusen sind kostengünstige, in einem grossen Frequenzbereich wirksame Entstörelemente.

Ein breites Programm von verschiedenen Filter-Typen in Bezug auf Nennspannung, Nennstrom, Phasenanzahl und Anschlussart steht zur Verfügung. Sie entsprechen alle den internationalen Vorschriften für Funkentstörfilter wie z.B. IEC 939-1/2.

Plastic-Filter sind insbesondere dank ihrem einfachen Aufbau, entweder mit Lotstiften als Printausführung oder mit Faston resp. Drahtanschlüssen als Montage-Ausführung, für den nachträglichen Einbau im Gerät geeignet.

Bei der richtigen Wahl des Filters kann eine doppelseitige Wirkung erreicht werden, nämlich vom Gerät nach aussen als Funkentstörfilter, in der anderen Richtung als Netz-Transientenschutzfilter.

2 Linien sind lieferbar:
- quadratische Bauweise
- flache Bauweise.

Power line filter (plastic case)

Interference suppression filter in plastic cabinets are low-priced suppressors, active within a large frequency range.

A large programme of various filter types with regard to nominal voltage, rated current, number of phases and kind of connection is available. They are all in accordance with the international prescriptions of the radio interference filters like e.g. IEC 939-1/2.

Thanks to the simple construction, the plastic filters either with soldering pins as print version or with faston resp. wire-connection as mounting-version, are mainly suitable for later installation in case of interference.

Provided that the right type of filter is selected, a double - faced effect can be achieved, namely from the apparatus outwards as noise suppression filter and in the other direction as power-transient-protective-filter.

2 lines are available:
- square type
- flat type.

Industrie-Netzfilter in Kunststoff-Ausführung

Industrial-Mains-Filter in plastic

Technische Daten

Plastik - Gehäuse: UL 94 V-0
 Vergussmasse: UL 94 V-1
 Nennspannung: siehe Tabelle
 Frequenz: 50/60 Hz
 Frequenzbereich: 0,1-40 MHz/40 dB
 Anwendungsklasse: HPF (-25°C/+85°C/95%
 (nach DIN 40040) RLF 30 T/J)

 Prüfspannung: L/N → E 2 kV, 50 Hz, 2s
 L → N 760 V, 50 Hz, 2s

Technical specifications

Plastic case: UL 94 V-0
 Potting resin: UL 94 V-1
 Nominal voltage: see table
 Frequency: 50/60 Hz
 Frequency range: 0,1-40 MHz/40 dB
 Application class: HPF (-25°C/+85°C/95%
 (acc. to DIN 40040) RH 30 D/Y)

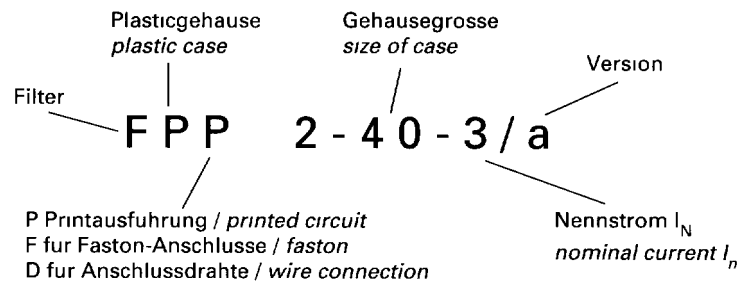
 Test voltage: L/N → E 2 kV, 50 Hz, 2s
 L → N 760 V, 50 Hz, 2s

	Bezeichnung Specification	Best. Nr. Order Nr.	** I _N (Amp) @T _{Amb} 45°C	U _N max (V)	Ableitstrom Leakage Current (mA) @ 250 V/50Hz	Co/C2 (µF)	C1 (nF)	L (mH)	Schema Code	Gehäuse Case
quadratisch - square	*FPP2-25-0.6/a	FPP-25-0001	0.6	250	< 0.5	0.015	2.2	40	S1	F25
	*FPP2-25-1/a	FPP-25-0002	1	250	< 0.5	0.015	2.2	10	S1	F25
	*FPP2-25-2/a	FPP-25-0003	2	250	< 0.5	0.015	2.2	4	S1	F25
	FPP2-30-0.7/a	FPP-30-0001	0.7	250	< 0.5	0.015	2.2	40	S1	F30
	FPP2-30-1/a	FPP-30-0002	1	250	< 0.5	0.022	2.2	20	S1	F30
	*FPP2-30-2/a	FPP-30-0003	2	250	< 0.5	0.022	2.2	6	S1	F30
	FPP2-30-3/a	FPP-30-0004	3	250	< 0.5	0.022	2.2	3	S1	F30
	FPP2-40-1/a	FPP-40-0001	1	250	< 0.5	0.047	2.2	30	S1	F40
	*FPP2-40-3/a	FPP-40-0002	3	250	< 0.5	0.047	2.2	4	S1	F40
	FPP2-40-1/a	FPP-40-0001	1	250	< 0.5	0.047	2.2	30	S1	F40-1
	FPP2-40-3/a	FPP-40-0002	3	250	< 0.5	0.047	2.2	4	S1	F40-1
	FPP2-48-1.5/a	FPP-48-0001	1.5	250	< 0.5	0.047	2.2	20	S1	F48-1
	*FPP2-48-6/a	FPP-48-0002	6	250	< 0.5	0.047	2.2	3	S1	F48-1
	FPP2-80-10/a	FPP-80-0001	10	250	< 0.5	0.1/0.1	2.2	6	S1	F80-1
	*FPP2-80-15/a	FPP-80-0002	15	250	< 0.5	0.1/0.1	2.2	4	S1	F80-1
	FPP2-80-6/a	FPP-80-0001	6	3 x 420 + N	-	0.1	-	6	S4	F80
	*FPP2-80-10/a	FPP-80-0002	10	3 x 420 + N	-	0.1	-	4	S4	F80
flach - flat	*FPP2-120-15/a	FPP-120-0001	15	3 x 420 + N	-	0.47	-	4	S4	F120
	*FPP2-120-25/a	FPP-120-0002	25	3 x 420 + N	-	0.47	-	2.5	S4	F120
	*FPP2-45-0.5/b	FPP-45-0001-A	0.5	250	< 0.5	0.1	2.2	40	S2	F45
	*FPP2-45-1.0/b	FPP-45-0002-A	1.0	250	< 0.5	0.1	2.2	10	S2	F45
	*FPP2-45-1.6/b	FPP-45-0003-A	1.6	250	< 0.5	0.1	2.2	6	S2	F45
	*FPP2-45-2.5/b	FPP-45-0004-A	2.5	250	< 0.5	0.1	2.2	2	S2	F45
	*FPP2-45-4.0/b	FPP-45-0005-A	4.0	250	< 0.5	0.1	2.2	1	S2	F45
	*FPP2-45-6.5/b	FPP-45-0006-A	6.5	250	< 0.5	0.1	2.2	1	S2	F45
	*FPP2-45-0.8/a	FPP-45-0002-S	0.8	250	< 0.5	0.068/0.015	2.2	20	S3	F45-1

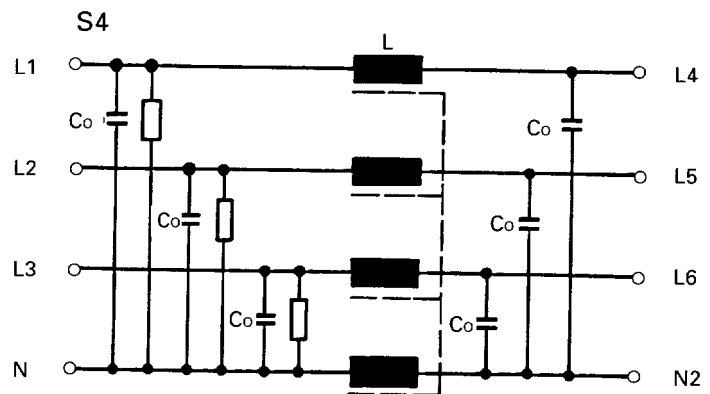
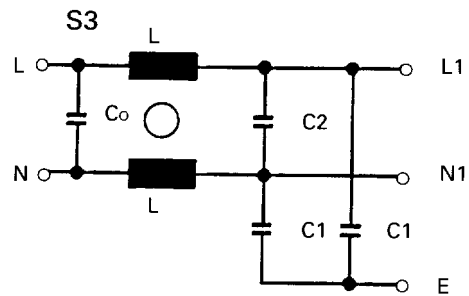
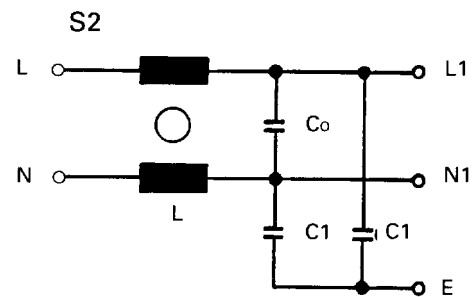
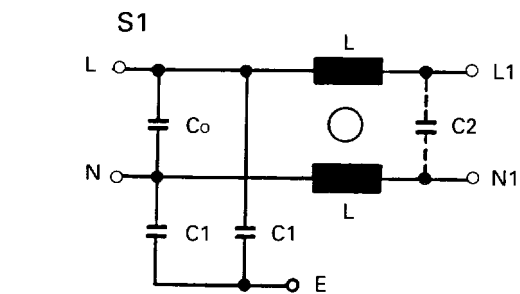
* Lagertypen / Stock items

** VDE 0565T.3 @ 40°C

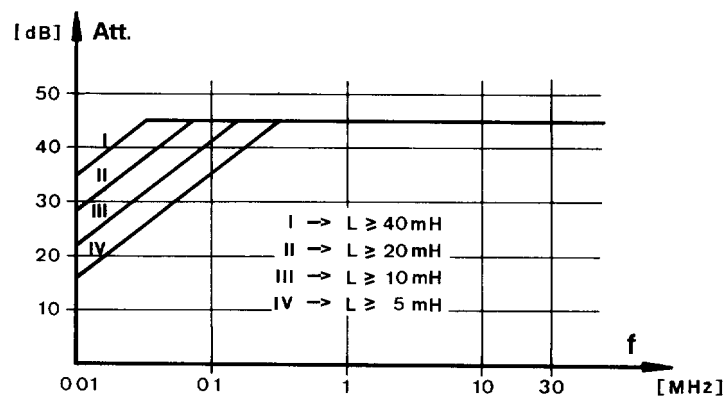
Codierung / Codes



Schemas / Circuit diagrams

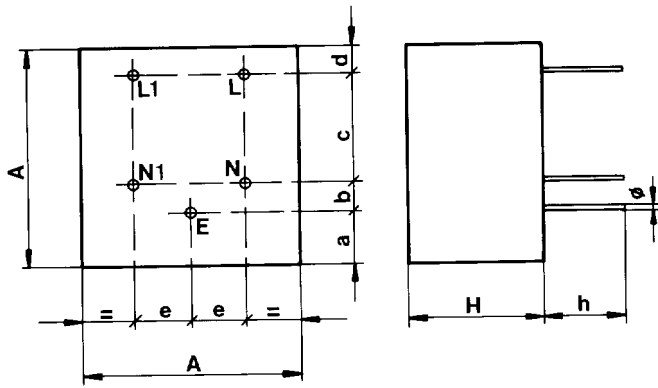


Einfügdämpfung Attenuation loss



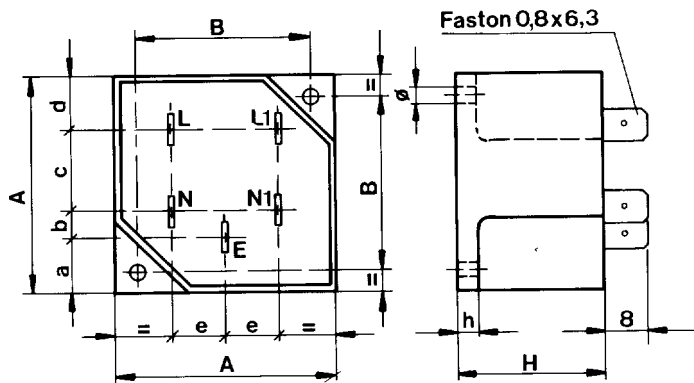
Gehäuse / Cases

F 25 - F 30 - F 40



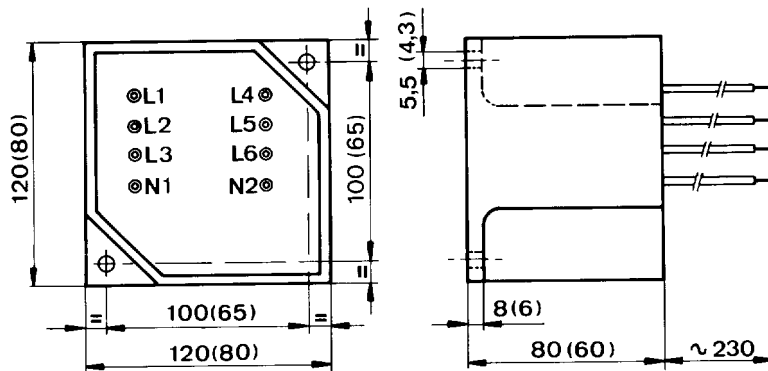
Gehäuse Case	A mm	H mm	a mm	b mm	c mm	d mm	e mm	h mm	Ø mm
F 25	25	25	5	2.5	15	2.5	10	15	0.6
F 30	30	25	7.5	2.5	15	5	10	15	0.6
F 40	40	30	10	5	20	5	15	15	1.0

F 40-1; F 48-1; F 80-1

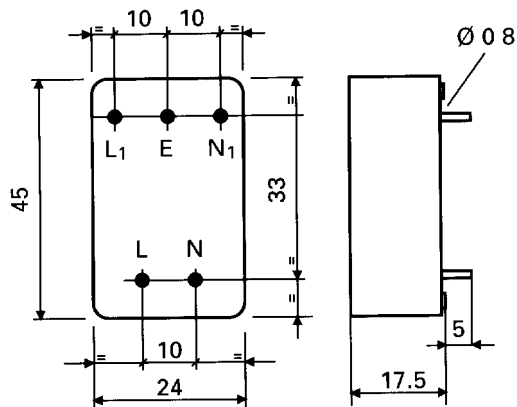


Gehäuse Case	A mm	B mm	H mm	a mm	b mm	c mm	d mm	e mm	h mm	Ø mm
F 40-1	40	32	30	10	5	15	10	10	4	3.3
F 48-1	48	38	30	10	8	20	10	15	5	3.3
F 80-1	80	65	50	25	5	25	25	25	6	4.3

F 120 (F 80)



F 45



F 45-1

