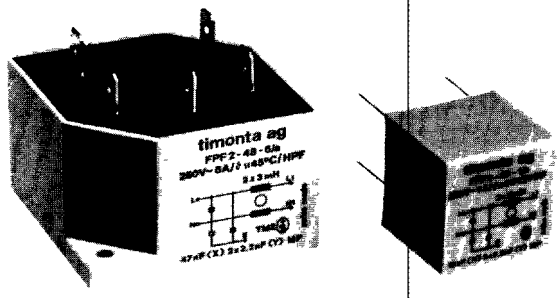
TIMONTA

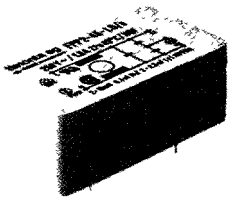
348 400

Netzentstörung
Line interference suppression

quadratisch / *square*



flach / *flat*



Bewilligung erteilt oder beantragt

Approval obtained or pending

Störschutzfilter (Plastic-Gehäuse)

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

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

Plastic-Filter sind insbesonders dank ihrem einfachen Aufbau, entweder mit Lotstiften als Printausfuhrung oder mit Faston resp. Drahtanschlussen als Montage-Ausfuhrung, fur den nachtraglichen Einbau im Gerat geeignet.

Bei der richtigen Wahl des Filters kann eine doppelseitige Wirkung erreicht werden, namlich vom Gerat nach aussen als Funkentstorfilter, in der anderen Richtung als Netz-Transienten-schutzfilter.

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 programm 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.*

TIMONTA

REFAC ELECTRONICS LTD
124-126 STOCKBRIDGE ROAD
WINCHESTER, HANTS SO22 6RW
TELEPHONE (0962) 863141 FAX (0962) 855987

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

Technical specifications

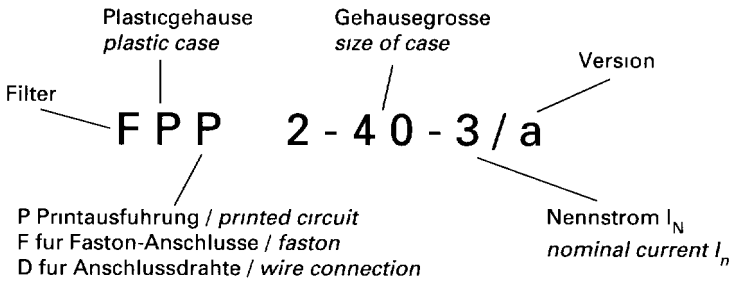
Plastic case:	*UL 94 V-0*
Potting resin:	*UL 94 V-1*
Nominal voltage:	*see table*
Frequency:	*50/60 Hz*
Frequency range:	*0,1-40 MHz/40 dB*
Application class:	*HPF (-25°C/+85°C/95%*
(acc. to DIN 40040)	*RH 30 D/Y)*
Test voltage:	*L/N → E 2 kV, 50 Hz, 2s*
	L → N 760 V, 50 Hz, 2s

	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*	Gehause *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
	FPF2-40-1/a	FPF-40-0001	1	250	< 0.5	0.047	2.2	30	S1	F40-1
	FPF2-40-3/a	FPF-40-0002	3	250	< 0.5	0.047	2.2	4	S1	F40-1
	FPF2-48-1.5/a	FPF-48-0001	1.5	250	< 0 5	0.047	2.2	20	S1	F48-1
	*FPF2-48-6/a	FPF-48-0002	6	250	< 0.5	0.047	2.2	3	S1	F48-1
	FPF2-80-10/a	FPF-80-0001	10	250	< 0.5	0.1/0.1	2.2	6	S1	F80-1
	*FPF2-80-15/a	FPF-80-0002	15	250	< 0.5	0.1/0.1	2.2	4	S1	F80-1
	FPD4-80-6/a	FPD-80-0001	6	3 x 420 + N	-	0.1	-	6	S4	F80
	*FPD4-80-10/a	FPD-80-0002	10	3 x 420 + N	-	0.1	-	4	S4	F80
	*FPD4-120-15/a	FPD-120-0001	15	3 x 420 + N	-	0.47	-	4	S4	F120
	*FPD4-120-25/a	FPD-120-0002	25	3 x 420 + N	-	0.47	-	2.5	S4	F120
flach - *flat*	*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

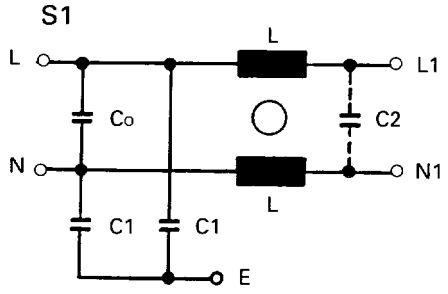
* Lagertypen / *Stock items*

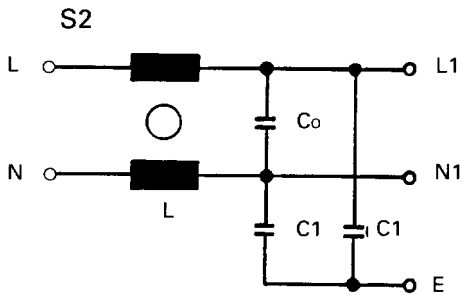
** VDE 0565T.3 @ 40°C

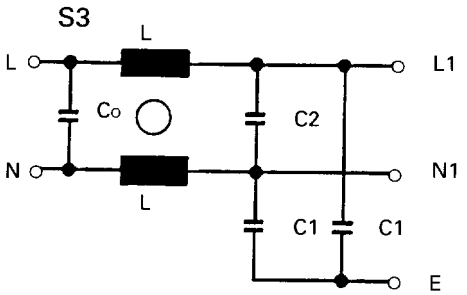
Codierung / *Codes*

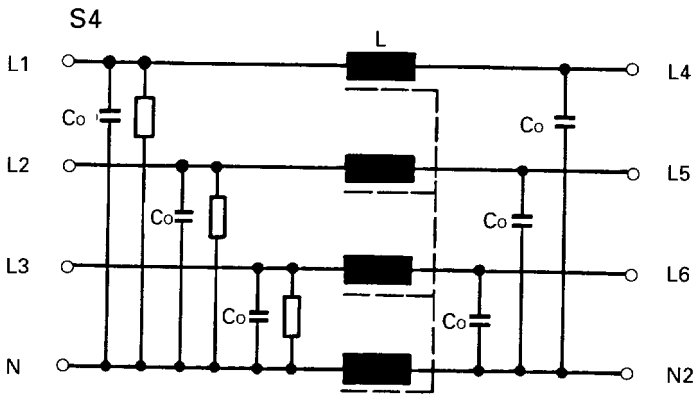


Schemas / *Circuit diagrams*

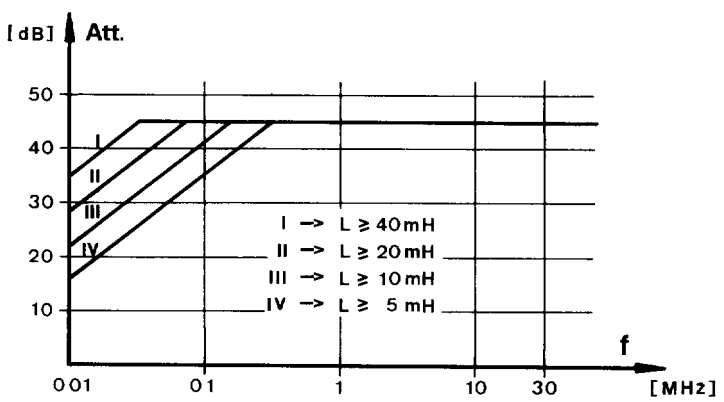






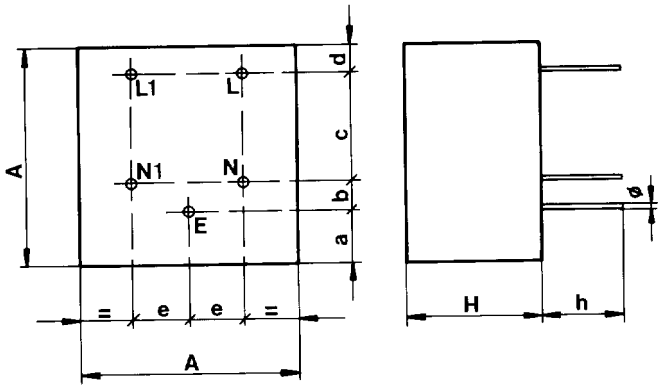


Einfühgungsdämpfung
Attenuation loss



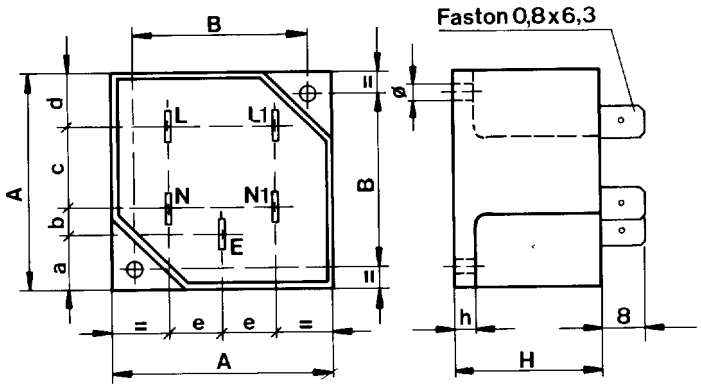
Gehäuse / *Cases*

F 25 - F 30 - F 40



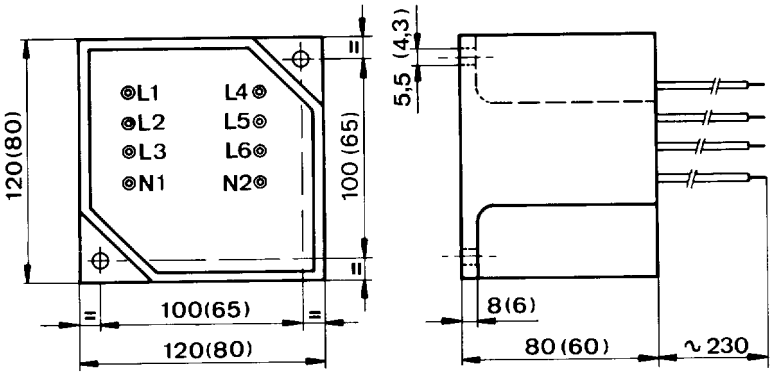
Gehause *Case*	A mm	H mm	a mm	b mm	c mm	d mm	e mm	h mm	Ø mm
F 25	25	25	5	2.5	15	2 5	10	15	0.6
F 30	30	25	7.5	2.5	15	5	10	15	0.6
F 40	40	30	10	5	20	5	15	15	1.0

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

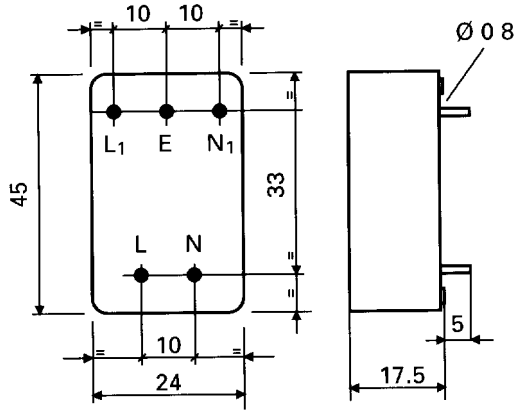


Gehause *Case*	A mm	B mm	H mm	a mm	b mm	c mm	d mm	e mm	h mm	Ø mm
F 40-1	40	32	30	10	5	15	10	10	4	3.3
F 48-1	48	38	30	10	8	20	10	15	5	3.3
F 80-1	80	65	50	25	5	25	25	25	6	4.3

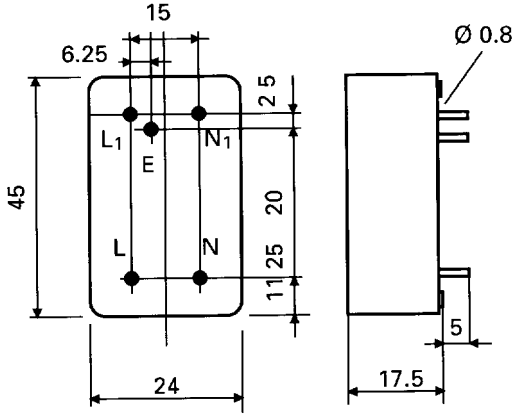
F 120 (F 80)



F 45



F 45-1



Aenderungen vorbehalten / *Subject to change without notice*