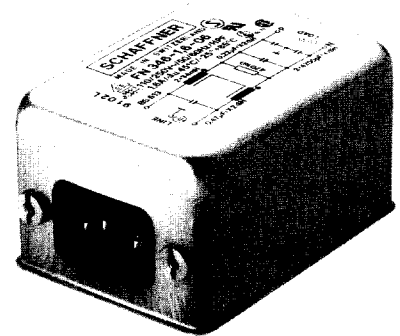


Performance power entry module

- up to 10A current ratings
- IEC 950-compliant
- very high performance filtering
- optional medical version (B type)
- Nennstrom bis 10A
- IEC 950 konform
- Sehr hohe Filterleistung
- Für medizinische Geräte als Option (Typ B)
- courants de service pouvant atteindre 10A
- conforme à CEI 950
- filtrage de très haute performance
- version médicale en option (type B)



Filter selection table

Choose the family FN xxx with the required body style and features, and add -?? to determine current rating, and /?? for output connections. Example: FN 346-6/06 is a screw-mounting filter, rated for 6A, with fast-on outputs.

Approvals



Family	Current ratings A at 40°C (25°)				Output connection	Housing style
	1.6 (1.9)	2.5 (3)	6 (7.3)	10 (10)		
FN 346 -?? /??	-1.6	-2.5	-6	-10	/06	✓
Inductance L mH						
	34	18	3	0.7		

Additional specifications

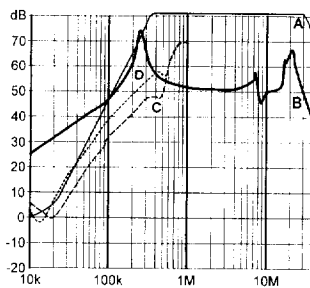
Filter type	Capacitance			Maximum leakage μA/phase	Res. R MΩ	Weight g	Maximum operating voltage		Operating frequency Hz	Hipot test voltage	
	Cx nF	Cx1 nF	Cy nF				VAC	Hz		PN→E VAC	P→N VDC
All standard types	470	220	4.7	410	0.47	330	250	50/60	DC to 400	2000	1700
B types (medical)	470	220	-	5	0.47	330	250	50/60	DC to 400	2500	1700

MTBF at 40°C, 230V, per Mil-HB-217F: 330,000 hours

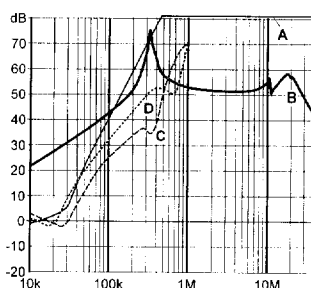
FN 346 insertion loss

Per CISPR 17; A = 50Ω/50Ω sym, B = 50Ω/50Ω asym, C = 0.1Ω/100Ω sym, D = 100Ω/0.1Ω sym

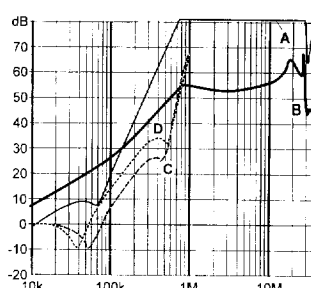
1.6 amp types



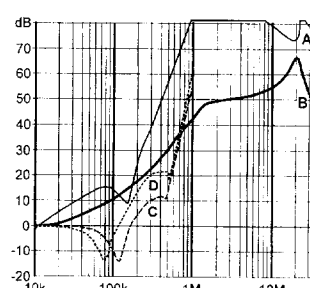
2.5 amp types



6 amp types

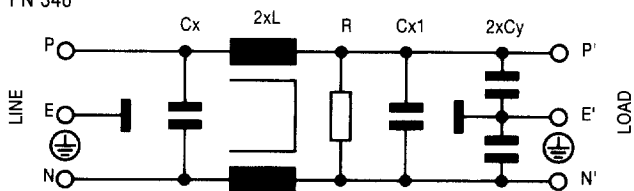


10 amp types

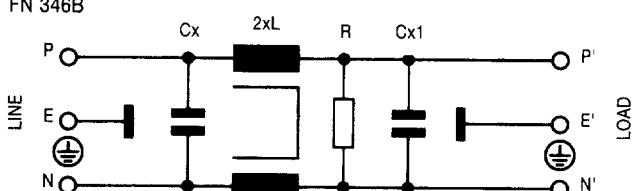


Electrical schematics

FN 346



FN 346B

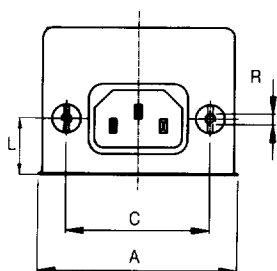


See tables for component values

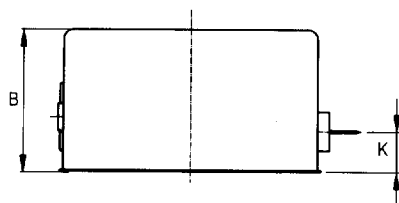
Mechanical data

		Tol. mm
A	55.6	± 0.5
B	42	± 0.5
C	40	± 0.1
D	75.9	+0 - 0.3
J	27	± 0.2
K	12	± 0.5
L	16	± 0.5
R	M3	-

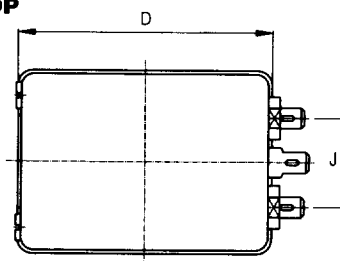
FRONT



SIDE



TOP



All dimensions in mm; 1 inch = 25.4mm