

Appliance inlet filter switched and fused

Filtered inlet intended for installation in business machines, microcomputers and similar equipment, where it is necessary to protect circuitry against mains borne interference. It incorporates a line fuse and double pole switch. It is snap-in fitting to panel thus saving both space and mounting costs. This filter is also available with an illuminated red or green switch

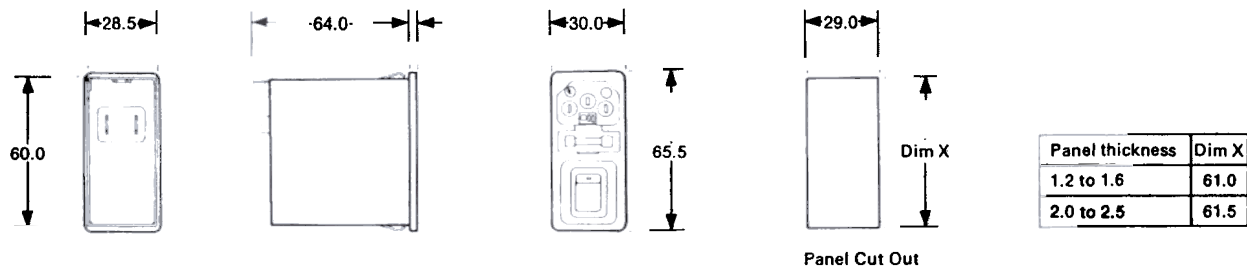
Current rating	1, 2 or 4 Amp
Frequency	0-400Hz
Operating voltage	250V ac maximum
Temperature range	-25° to +65°C
Voltage drop per line	≤1V.
Earth leakage current	≤2 x 0,25mA (at 250V 50Hz according to IEC 348)
Capacitor	0,1μF between lines (Class X2) 2200pF each line to earth (Class Y)
Inductance per line	1A 7,0mH 2A 2,4mH 4A 1,6mH
Switch type	Double pole, single throw
Switch life	>50,000 operations
Fuse	20 x 5mm (spare fuse supplied)
Terminations	6,3 x 0,81mm quick connect or solder

APPROVALS

UL CSA (VDE applied for)

DIMENSIONS

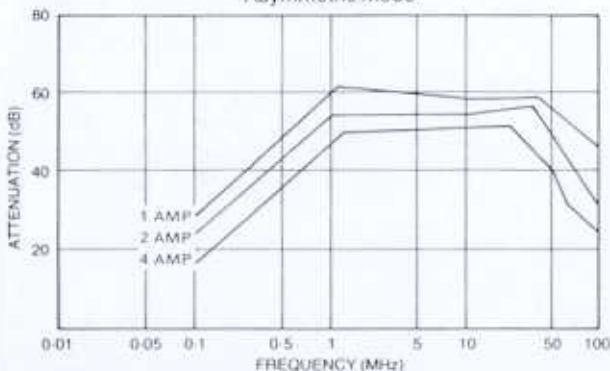
All dimensions are nominal and in mm



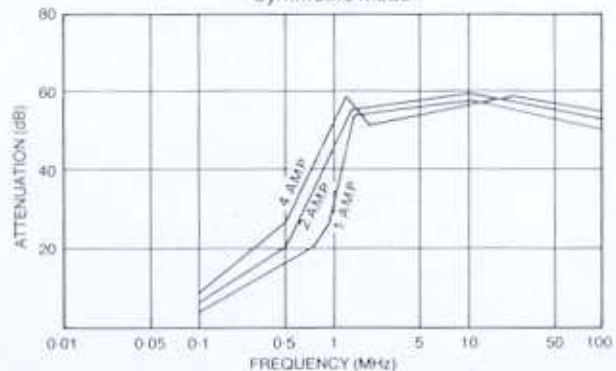
PERFORMANCE CHARACTERISTICS

Typical when measured to BS613: 1977

Asymmetric Mode



Symmetric Mode



ORDERING INFORMATION

Non-illuminated switch	Part No.	Red illuminated switch	Part No.	Green illuminated switch	Part No.
1 Amp	L 2144/1	1 Amp	L2144/1/IR	1 Amp	L2144/1/IG
2 Amp	L 2144/2	2 Amp	L2144/2/IR	2 Amp	L2144/2/IG
4 Amp	L 2144/4	4 Amp	L2144/4/IR	4 Amp	L2144/4/IG