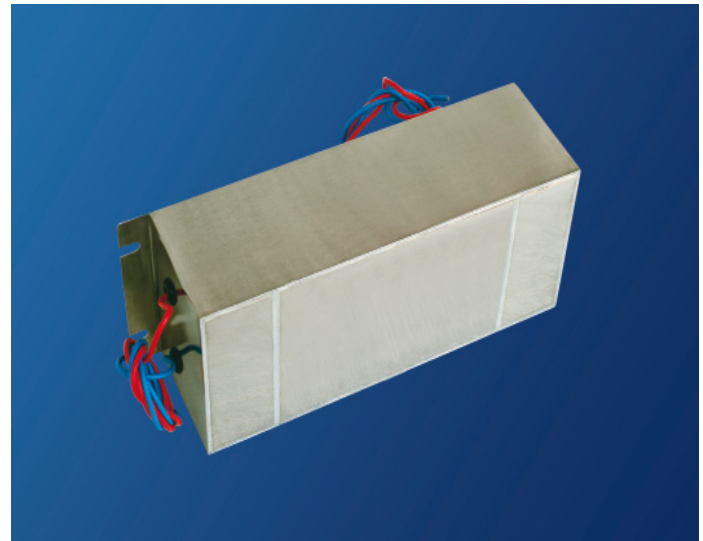
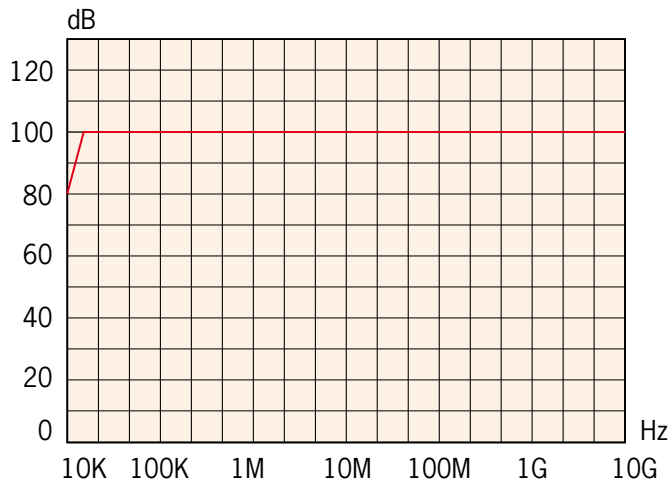


Meet electrical point-of-entry requirements of MIL-STD-188-125-1 & 2 for short and intermediate pulses

Performance range



Product in photo: UHP1-2032-EMP

Description

A range of 2 and 4 lines EMP/HEMP filters could be used on shielded rooms or other installations for single and three phase mains supplies respectively. All lines are individually filtered and featured necessary varistor transient suppressors at the input end. This range of filters is ideally suited to EMP protection applications need to be MIL-STD-188-125-1 @ -2 conformed.

Features

- Excellent protection of 2 lines 250V (50-60Hz) and 4 lines 440/250V (50-60Hz) for supply applications in fixed installations with current ratings from 3A up to 3000A.
- Protection against EMP/HEMP and lightning overvoltage and electromagnetic interferences
- Very high transient energy absorption capability
- Utilize self-healing feed through capacitors
- Rigid steel construction for direction installation to faraday cage

Technical data

Rated voltage	250VAC/440VAC 50-60Hz
Test voltage	1000VSC each line to case (prior to fitting transient suppressors)
Insulation resistance	>100M Ω (prior to fitting transient suppressors)
Peak surge current	800KA (8/20 μ s)
Insertion loss	>60dB@10KHz, >100dB@14KHz-40GHz

Product list

Type	Lines & rated Current (A)	Leakage current (mA)	Overall dimension LxWxH (mm)	Weight (kg)	Dimensional diagram
UHP1-2003-EMP	2x3	5	225x100x70	2.5	1
UHP1-2006-EMP	2x6	5	225x100x70	2.5	
UHP1-2016-EMP	2x16	20	585x120x80	6.8	2
UHP1-2032-EMP	2x32	20	585x120x80	7.0	
UHP1-2063-EMP	2x63	20	585x120x80	8.5	
UHP1-2100-EMP	2x100	20	885x200x150	23.0	3
UHP1-2200-EMP	2x200	20	885x200x150	27.0	
UHP1-4016-EMP	4x16	5	915x320x120	30.0	4
UHP1-4032-EMP	4x32	5	915x320x120	40.0	
UHP1-4063-EMP	4x63	5	915x320x120	42.0	
UHP1-4100-EMP	4x100	5	970x320x150	44.0	5
UHP1-4200-EMP	4x200	10	970x320x150	48.0	
UHP1-4300-EMP	4x300	10	970x320x150	By case	
UHP1-4400-EMP	4x400	10	1200x460x200	By case	

* Other heavier currents up to 2000 A on request.

Ordering information

When you want to order a UHP1 (Ultra High Performance type 1) power line filter please specify the following:

For example

