
NCxxxMP Mains harmonic suppressor



Highlights

- High efficiency
- Universal mains operation

Features

- Fused
- Compact: 79 x 49 x 42mm

Applications

- Active loudspeakers

Introduction

The Hypex NCxxxMP Mains Harmonic Suppressor can be used to reduce mains harmonic currents flowing in the AC mains line connected to the Hypex NCxxxMP modules to pass IEC61000-3-2 regulations for higher powered end-products.

1 Electrical Specifications

1.1 Power Specifications

Parameter	Remarks	Symbol	Min	Typ	Max	Unit	Note
High Line Input Voltage	-	V_B	90-240Vac $\pm 10\%$			Vac	
Line Input Frequency	-	f	47		63	Hz	
Fuse rating	250Vac, slow blow			8		A	¹⁾

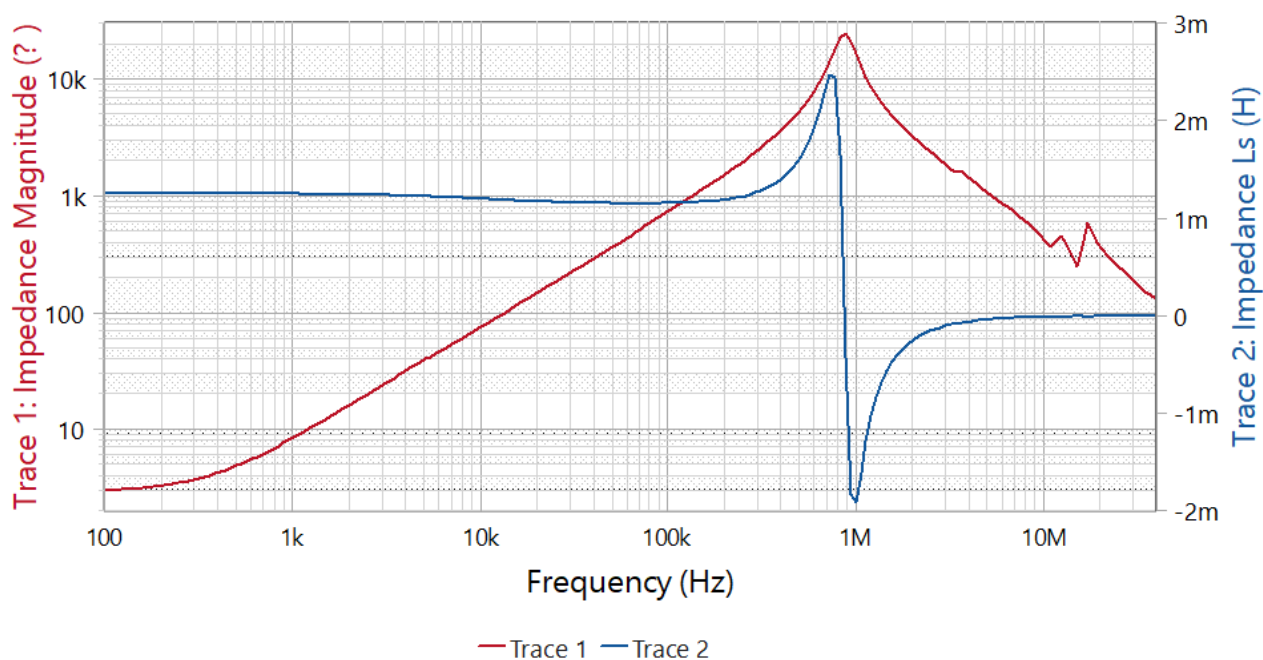
Note 1: Fuse is soldered on the PCB and is therefore not user replaceable.

1.2 AC Connector Specification

Pin	Direction	Function	Remarks
J1.1	Input	Mains input	Neutral AC
J1.3	Input	Mains input	Phase AC
J2.1	Output	Mains output	Neutral AC
J2.3	Output	Mains output	Phase AC

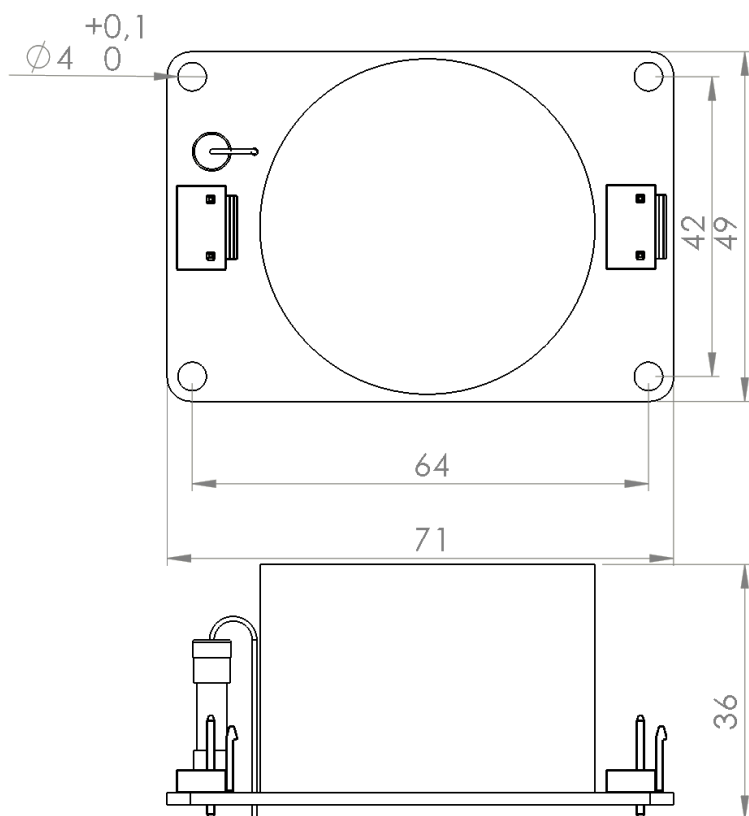
Connector type: B2P3-VH(LF)(SN)

1.3 Impedance vs frequency



2 Dimensions

Parameter	Remarks	Symbol	Min	Typ	Max	Unit	Note
Height			-	36	37.5	mm	
Width			48.6	49	49.4	mm	
Length			70.6	71	71.4	mm	



3 Revisions

Document revision	Module revision	Change log	Date
01		Pre-release version	Oct '16
02		Release	Aug'19

4 Disclaimer

All products, product specifications and data are subject to change without notice to improve reliability, function or design or otherwise.

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