

EAT1 Series

Multi-Stage High Performance Filters

(5-35A)

Typical application

- Digital systems
- Telecommunication systems
- Medical equiptment
- Industrial installations

Conformity

- C € EN 60939
- CSA C22,2 | available on request for most types
- UL 1283 | available on request for most types Climatic category 40/085/21 (IEC 60068-1)

Technical specifications

	Symbol	Value	Unit	Remarks
Rated voltage	V _R	440/250	VAC	
Rated current	I _R	5 35	А	
Ground capacitance		47	nF	
Operating frequency	f_{op}	50/60	Hz	
Insertion loss		up to 100/100	dB	common/dfferential mode
Leakage current	I _I		mA	
Operating temperature	T_{amb}	-40 +85	°C	
Storage temperature	Τ _s	-40 +85	°C	
Test voltage - line to line	V_{test}	1500	VDC	
Test voltage - line to ground	V_{test}	2250	VDC	



Features and benefits

- Excellent attenuation starting from low frequency
- High performance for both common and differential mode interference suppression
- Low leakage current

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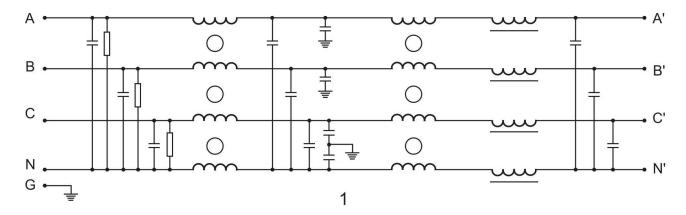


Electrical properties

Model	Conn	ection	Rated Current	Ground Capacitance	Discharge Resistance	Circuit Diagram	Package Type	Size (LxBxH)
	Line	Load	[A]	[nF]	[ΚΩ]			[mm]
DL-5EAT1	S	S	5	47	440	1	1	202x60x44
DL-10EAT1	S	S	10	47	440	1	1	261x60x44
DL-20EAT1	S	S	20	47	440	1	1	261x60x44
DL-25EAT1	S	S	25	47	440	1	1	261x81x96
DL-35EAT1	S	S	35	47	440	1	1	261x81x96

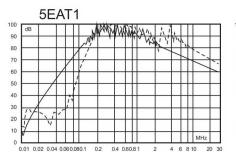
Legend: S = screw terminal

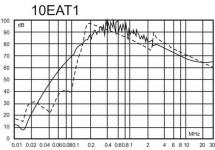
Circuit schematic

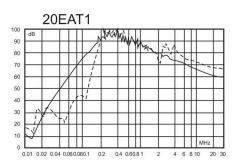


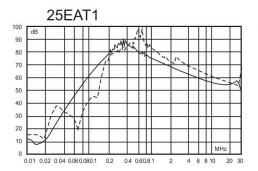


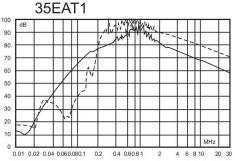
Insertion loss characteristics





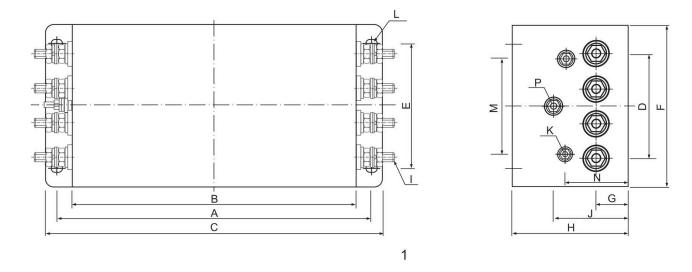








Mechanical packaging



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Metralytica GmbH Oehleckerring 13 22419 Hamburg Germany

www.metralytica.eu

+49 40 5936175-00 sales@metralytica.eu

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