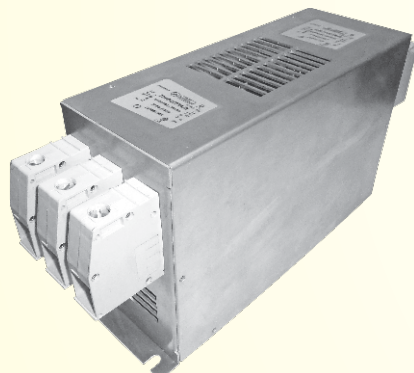


BLA ETECH PVT. LTD.
EMC, EMI FILTER & POWER SOLUTION

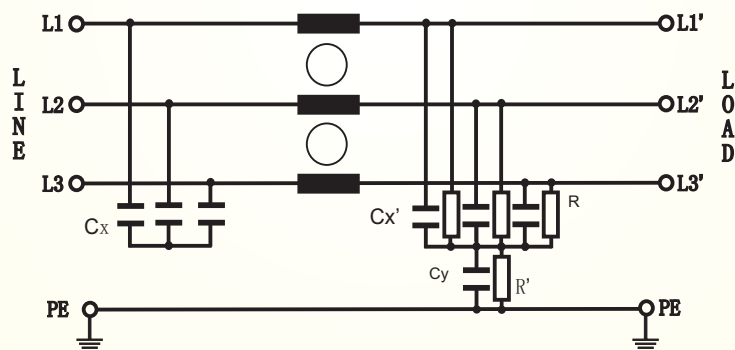
Three-Phase Single Stage Filter BLAED23-XXX-T

General purpose EMI filter with exceptional attenuation performance



- 7A to 150A current ratings.
- 3-Phase filter for drives/inverter.
- Compact /light weight/ cost effective.
- Insulated safety input terminals.
- Increase the immunity if operator directly on main input.

CIRCUIT DIAGRAM:



Technical Specification

Max Rated Voltage 440/520/600 VAC
 Operating Frequency 50/60Hz
 Rated Current 7A to 150A @50°C
 High Voltage Test -
 L-L 1952VDC for 440V
 L-G 2651VDC for 440V
 Temperature Range -25 to +85°C

Applications:

- Power Control Equipment for Power Distribution Lines.
- High power motor drives, Inverter and Converter.
- Industrial Equipment Vulnerable to Transients on the AC Power Line (Large UPS ,Computers, traffic controls, mining equipments, Etc.)
- Renewable energy(Wind Turbines) application and general power office equipments. .
- For the purpose of protecting against electrical surges and spikes, including those caused by lightning.
- Designed for frequency inverter and variable speed motor drives
- For small to medium sized industrial equipment, power converter and variable speed motor.

Features:

- Trouble free installation.
- Busbar for convenient and universal electrical connection.
- Designed for universal applications

Benefits:

- Eliminates Dangerous Voltage Transients.
- Lowers Overall System Costs by Reducing Downtime and Maintenance Costs.
- Improves Component and System Reliability.
- Reduces EMC/RFI Interference.

FILTERS SELECTION TABLE

SN	PART NO	RATED CURRENT @40°C A	LEAKAGE CURRENT 480VAC/50Hz mA	MECHANICAL DIMENSION L X W X H (mm)	CONNECTION TYPE
1	BLAED23-7-T	7	35	190 X 50 X 75	TERMINAL
2	BLAED23-16-T	16	35	250 X 45 X 85	TERMINAL
3	BLAED23-30-T	30	35	270 X 50 X 85	TERMINAL
4	BLAED23-42-T	42	35	310 X 50 X 85	TERMINAL
5	BLAED23-55-T	55	35	250 X 85 X 90	TERMINAL
6	BLAED23-75-T	75	35	270 X 85 X 135	TERMINAL
7	BLAED23-100-T	100	35	270 X 90 X 150	TERMINAL
8	BLAED23-120-T	120	35	310 X 110 X 200	TERMINAL
9	BLAED23-150-T	150	35	310 X 110 X 200	TERMINAL

Large range of power ratings allow to select convenient filter selection

BLAED23-XXX-T Filters provide a very high common and differential mode attenuation

Insulated, high quality safety terminals for input and output contribute over all equipment safety

Suitable to meet the latest EMC standards

Excellent performance for application with high interference level

Remark

**** Input and output connection available in Terminal**

INSERTION LOSS(dB)

7A

MHZ	0.5	1	10
CM	91	98	76

16A

MHZ	0.5	1	10
CM	95	95	65

30A

MHZ	0.5	1	10
CM	95	97	63

42A

MHZ	0.5	1	10
CM	90	95	67

55A

MHZ	0.5	1	10
CM	97	99	64

75A

MHZ	0.5	1	10
CM	96	100	75

100A

MHZ	0.5	1	10
CM	98	100	77

120A

MHZ	0.5	1	10
CM	93	90	75

150A

MHZ	0.5	1	10
CM	97	95	65

CORPORATE OFFICE AND MANUFACTURING UNIT

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