



BLA ETECH PVT. LTD.

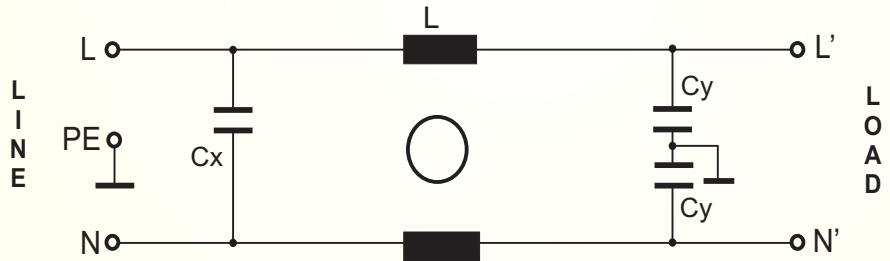
EMC, EMI FILTER & POWER SOLUTION

Single Phase Filter BLAY11-XXX-F

General purpose EMI Filter with low cost and good attenuation performances



CIRCUIT DIAGRAM:



Technical Specification

Max Rated Voltage 250 VAC

Operating Frequency 50Hz

Rated Current 1A to 10A @40°C

Hipot Test Voltage-

L-L 1450VDC 2sec

L-G 2250VDC 2sec

Temperature Range -25 to +85°C

- Rated currents from 1 to 10A.
- Low cost.
- Fasten terminals.

Applications:

- Power Control Equipment for AC Lines.
- Industrial Equipment Vulnerable to Transients on the DC Power Line (Computers, Traffic Controls, Motor Controllers, Etc.)
- Communications systems and IT systems.
- Protection of Equipment Connected to Telephone or Signal Lines, Such as Security Systems, Railroad Equipment, Fire Alarm Systems, Etc.
- Thyristor Driven control equipment .
- Scaled-down versions of these devices are sometimes installed in residential service entrance electrical panels, to protect equipment in a household from similar hazards

Features:

- General purpose filter providing EMI suppression of both L-L and L-G noise.
- Various noisy applications requires high performance filter.
- No Extinguishing or Follow-On Current Limitations.

Benefits:

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

FILTERS SELECTION TABLE

SN	PART NO	RATED CURRENT @40°C A	LEAKAGE CURRENT 250V/50Hz mA	MECHANICAL DIMENSIONS L X W X H (mm)	CONNECTION TYPE
1	BLAY11-1-F	1	0.8	64 X 48 X 16	FAST ON
2	BLAY11-3-F	3	0.8	64 X 48 X 16	FAST ON
3	BLAY11-6-F	6	0.8	64 X 48 X 16	FAST ON
4	BLAY11-10-F	10	0.8	64 X 48 X 16	FAST ON

- The BLAY11-XXX-F also offer good range amperage ratio/size and cover large scale usage
- BLAY11-XXX-F are also available in various terminal options which allow you to select desired connection type

REMARK

** FASTON TERMINAL SIZE 6.38 X 0.8 mm

***SCREW SIZE AS PER CUSTOMER REQUIREMENT

INSERTION LOSS(dB)

1A

MHZ	0.5	1	2	5	10
CM	35	38	39	41	41
DM	19	24	32	47	47

3A

MHZ	0.5	1	2	5	10
CM	27	32	35	39	39
DM	19	25	30	41	39

6A

MHZ	0.5	1	2	5	10
CM	22	27	32	39	46
DM	10	15	27	36	36

10A

MHZ	0.5	1	2	5	10
CM	16	21	30	35	41
DM	14	19	26	30	36

CORPORATE OFFICE AND MANUFACTURING UNIT

**BLA ETECH PVT LTD
A-42
WAZIRPUR INDUSTRIAL AREA
NEW DELHI-110052
INDIA**



CONTACT DETAIL

WEB- www.blaetech.com

Email- info@blaetech.com

TEL- +91-11-47483290

Mob-+91-9899197050