



# BLA ETECH PVT. LTD.

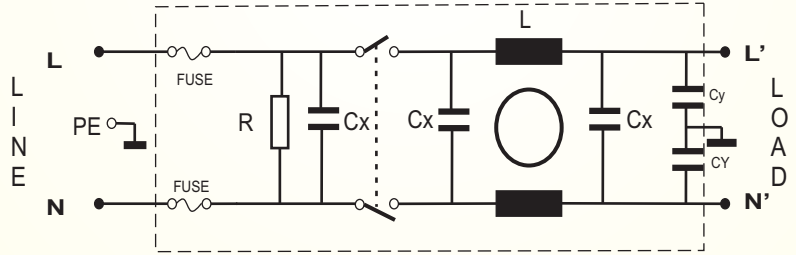
EMC, EMI FILTER & POWER SOLUTION

## Single Phase Filter BLAY17-XXX-F

Power Entry Model filters with an IEC -Connector, double Fuse holder, Switch



### CIRCUIT DIAGRAM:



### Technical Specification

Max Rated Voltage 250 VAC

Operating Frequency 50Hz

Rated Current 1A to 6A @30°C

Hipot Test Voltage-

L-L 1450VDC 2sec

L-G 2250VDC 2sec

Temperature Range -25 to +85°C

- Rated currents from 1 to 6A.
- Low cost.
- Single or dual fuse holder
- Two pole rocker switch

### Applications:

- Power Control Equipment for AC Lines.
- EDP and office equipment
- Communications systems and IT systems.
- Protection of Equipment Connected to Telephone or Signal Lines, Such as Security Systems, railroad Equipment, Fire Alarm Systems, Etc.
- Scaled-down versions of these devices are sometimes installed in residential service entrance electrical panels, to protect equipment in a household from similar hazards
- Medical equipment ,Test equipment, Switched mode

### Features:

- General purpose filter providing EMI suppression of both L-L and L-G noise.
- Power entry model filters with an IEC-Connector, double fuse holder switch .
- 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 EMC/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	BLAY17-1-F	1	0.45	68 X 52.5 X 67	FAST ON
2	BLAY17-2-F	2	0.45	68 X 52.5 X 67	FAST ON
3	BLAY17-4-F	4	0.45	68 X 52.5 X 67	FAST ON
4	BLAY17-6-F	6	0.45	68 X 52.5 X 67	FAST ON

- The BLAY17-XXX-F also offer good range amperage ratio/size and cover large scale usage
- The BLAY17-XXX-F also available in medical type with Y-cap

REMARK

\*\* FASTON TERMINAL SIZE 6.38 X 0.8 mm

# INSERTION LOSS(dB)

## 1A

MHZ	0.5	1	2	5	10
CM	37	42	42	41	37
DM	17	24	37	42	39

## 2A

MHZ	0.5	1	2	5	10
CM	30	36	39	42	37
DM	18	23	38	43	40

## 4A

MHZ	0.5	1	2	5	10
CM	21	26	35	41	42
DM	16	21	28	38	41

## 6A

MHZ	0.5	1	2	5	10
CM	14	19	26	34	41
DM	13	19	24	31	38

## CORPORATE OFFICE AND MANUFACTURING UNIT

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