

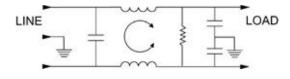
UL Recognized CSA Certified VDE Approved

B Series — Low Cost

A low cost alternative to the B series. Manufactured in a way that eliminates all soldered connections and all potting. Features a compact case style with shrouded terminals on the line and load side. The 1-5 amp models offer the same performance as the B series and cost less while the 6 amp provides higher performance filtering.

The E versions meet the very low leakage current requirements of VDE portable equipment and (120 Volt) UL544 nonpatient connected medical equipment.

Electrical Schematic



Resistor location for reference only.



Specifications

| Maximum leakage current, | VB Models | EB Models |
|--|------------------|----------------------|
| each line-to-ground @ 120 VAC 60 Hz: @ 250 VAC 50 Hz: | .4 mA .7 mA | .21 mA .36 mA |
| Hipot rating (one minute): line-to-ground line-to-line | | 2250 VDC 1450 VDC |
| Operating frequency: | | 1430 VDC |

50/60 Hz Rated voltage:

120/250 VAC

Minimum insertion loss in dB: Line-to-ground in 50 ohm circuit

| Current | | F | requer | ісу-МН | Z | |
|-----------|-----|----|--------|--------|----|----|
| Rating | .15 | .5 | 1 | 5 | 10 | 30 |
| VB Models | | | | | | |
| 1A, 3A | 15 | 30 | 38 | 50 | 50 | 50 |
| 2A, 5A | 7 | 20 | 25 | 40 | 45 | 48 |
| 6A | 17 | 24 | 31 | 42 | 47 | 44 |
| EB Models | | | | | | |
| 1A, 3A | 15 | 29 | 35 | 45 | 45 | 48 |
| 2A, 5A | 7 | 19 | 23 | 34 | 37 | 42 |
| 6A | 16 | 22 | 27 | 36 | 42 | 50 |

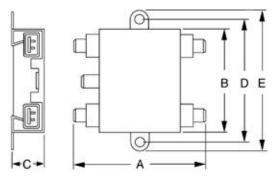
Line-to-ground in 50 ohm circuit

| Current | | F | requer | псу-МН | Z | |
|-----------|-----|----|--------|--------|----|----|
| Rating | .15 | .5 | 1 | 5 | 10 | 30 |
| VB Models | | | | | | |
| 1A, 3A | 2 | 3 | 7 | 33 | 50 | 44 |
| 2A, 5A | 2 | 4 | 3 | 22 | 46 | 42 |
| 6A | 2 | 3 | 4 | 27 | 51 | 42 |
| EB Models | | | | | | |
| 1A, 3A | 1 | 3 | 7 | 25 | 41 | 48 |
| 2A, 5A | 2 | 3 | 5 | 14 | 34 | 50 |
| <u>6A</u> | 2 | 3 | 4 | 22 | 39 | 50 |

Series \mathbf{B} — Low Cost

Case Style Metric shown in italics.

VB1LB, EB1LB



Typical dimensions Terminals: $\frac{.250}{6.35}$ (5) Holes: $\frac{.07}{7.8}$ Dia.(4) Slot: $\frac{.07 \times .16}{7.8 \times 4.7}$ Mounting holes: $\frac{.188}{4.78}$ Dia.(2)

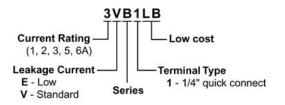
Case Dimensions

Metric shown in italics.

| Part No. | A (max) | B (max) | C (max) | D ± .008 ± .22 | E (max) |
|----------|------------|------------|------------|----------------------|------------|
| VB1LB, | 2.34 | <u>1.8</u> | <u>.68</u> | 2.12 | 2.5 |
| EB1LB | 59.4 | 45.7 | 11.7 | 53.8 | 63.5 |

Ordering Information

Consult your local Corcom sales representative for pricing.



| Available Part Numbers | | | | |
|------------------------|--------|--|--|--|
| 1VB1LB | 1EB1LB | | | |
| 2VB1LB | 2EB1LB | | | |
| 3VB1LB | 3EB1LB | | | |
| 5VB1LB | 5EB1LB | | | |
| 6VB1LB | 6EB1LB | | | |