

EBLD1 Series EMC Filters

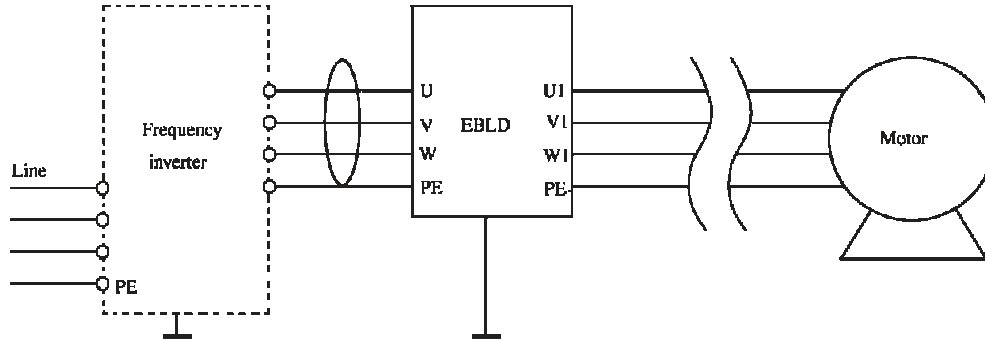
Compliance Engineering's EBLD1 series EMC filters are ideally suited as an output filter on inverter speed controller systems, UPS, AC to DC inverters. Over-voltage restriction is built in to these filters.



| Technical Data | |
|-----------------------|---------------------------|
| Rated Voltage: | 275 / 480VAC |
| Operating Frequency: | 0 - 120 Hz |
| Current Rating: | 6A – 200A |
| Test Voltage (1 min): | 2250 VDC (line to ground) |
| Climatic Category | 40 / 085 / 21 |

| Model | Rated Current (A) | Ground Capacitance (nF) | Circuit Diagram Figure | Dimension Figure |
|----------|-------------------|-------------------------|------------------------|------------------|
| 6EBLD1 | 6 | 4.7 | - | 1 |
| 10EBLD1 | 10 | 4.7 | - | 1 |
| 16EBLD1 | 16 | 4.7 | - | 1 |
| 25EBLD1 | 25 | 4.7 | - | 1 |
| 35EBLD1 | 35 | 4.7 | - | 1 |
| 50EBLD1 | 50 | 6.8 | - | 2 |
| 65EBLD3 | 65 | 6.8 | - | 2 |
| 80EBLD1 | 80 | 6.8 | - | 3 |
| 100EBLD1 | 100 | 6.8 | - | 3 |
| 130EBLD1 | 130 | 10 | - | 3 |
| 160EBLD1 | 160 | 10 | - | 3 |
| 200EBLD1 | 200 | 10 | - | 3 |

Typical Installation Diagram



Outline Drawings and Dimension (mm)

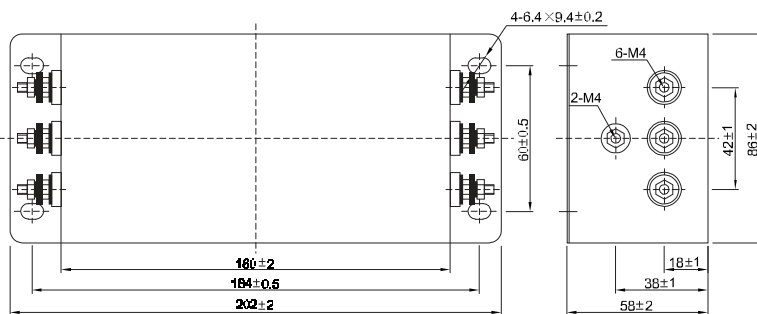


Figure 1.

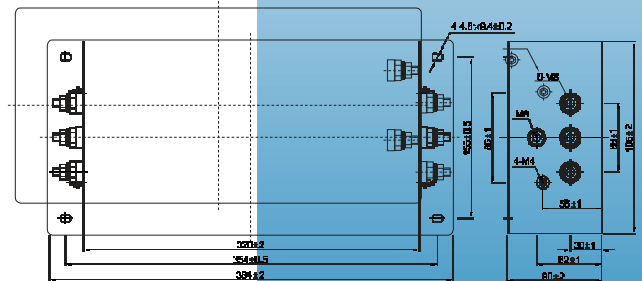


Figure 3.

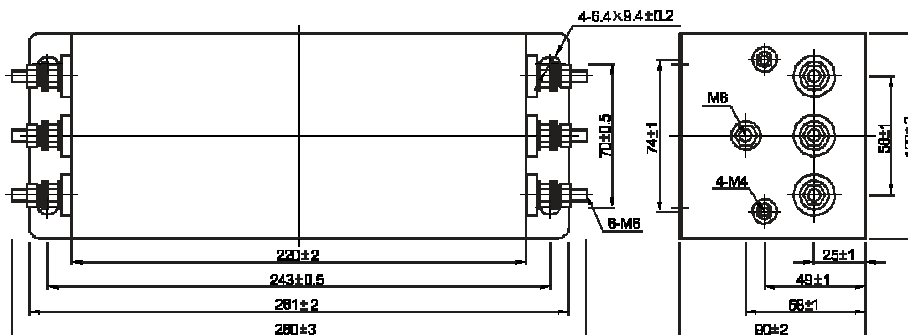


Figure 2.