

**SPECIFICATION**

VOLTAGGE 500V<sub>ac</sub>  
 FREQUENCY 50/60HZ  
 CURRENT 50A @ 50 deg C  
 OVERLOAD CURRENT 150% 1MIN. 200% 1SEC  
 TEMPERATURE -25 TD 85 deg C  
 LEAKAGE CURRENT:-  
 AS PER IEC950 = 35mA @ 500V 50HZ  
 HUMIDITY 90% RH Non-Condensing  
 VIBRATION 10-200Hz 1.8G  
 SURGE 4kV 1.2/50µS  
 ELECTRIC STRENGTH 2500VAC/1min.  
 POWER LOSS (FULL LOAD) = 25W  
 WEIGHT 4.8kg  
 BACK MOUNTING 4x M5 (DUAL KEYWAY)  
 SIDE MOUNTING 4x M6

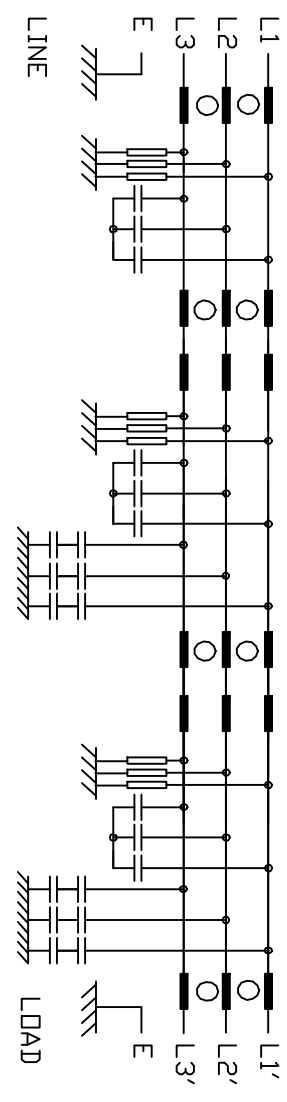
**ATTENUATION**

COMMON MODE - 60dB AT 150KHZ  
 DIFFERENTIAL MODE - 40dB AT 150KHZ  
 DESIGNED TO MEET EN55022B  
 WHEN SCREENED MOTOR CABLE USED

**CONSTRUCTION**

PERFORATED ALUMINIUM BODY FOR AIR COOLING,  
 ALUMINIUM BASE WITH CAPACITOR NETWORKS  
 PCB MOUNTED, CHOKES AIR COOLED FIXED TO  
 BASE PLATE, INSULATING TERMINAL BOOTS  
 SUPPLIED WITH FILTER.

FILTER MEASURED AT 1KHZ  
 TOTAL L = 270µH, X CAP = 1.66µF, Y CAP = 826nF, RES = 666k Ohm



Drgn No MIF350-GS

TITLE THREE PHASE 500V 50A MAINS FILTER



ISSUE

1 GENERAL SPECIFICATION FOR MIF350

CUSTOMER FILTER REF