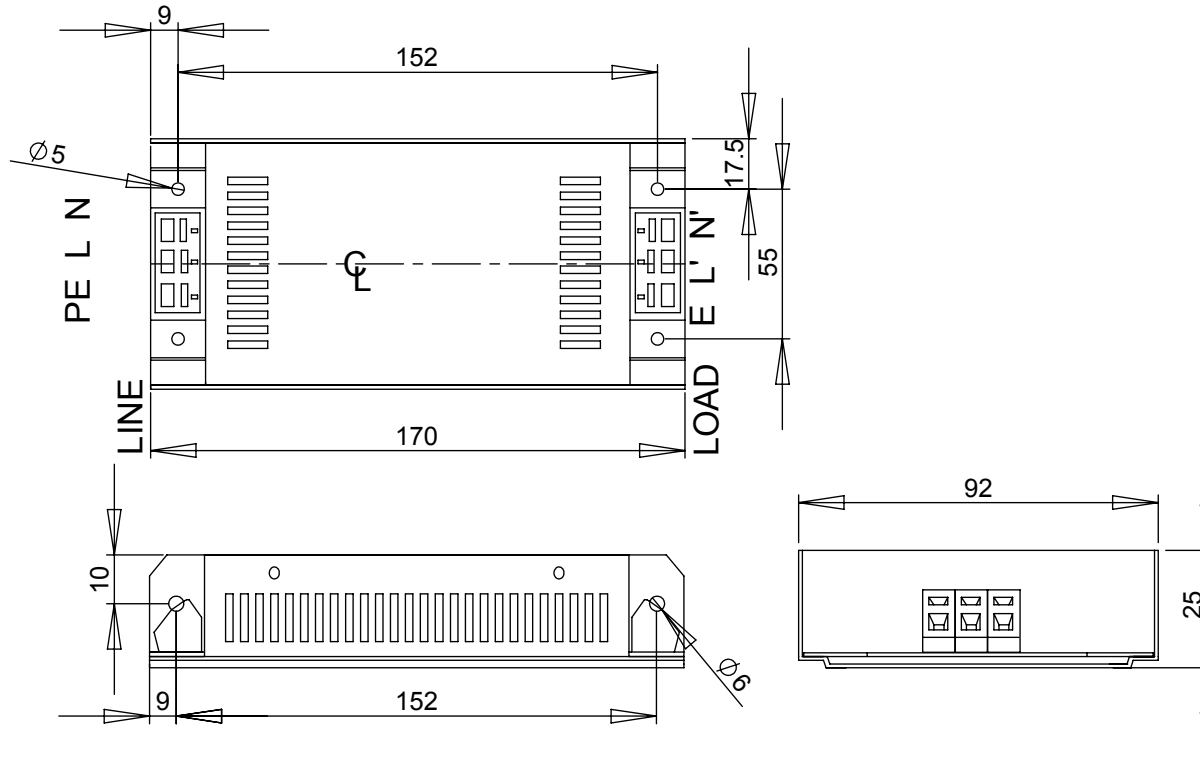


REV.	CNN	CNN DESCRIPTION	Date	Check in
03	-	NEW BORDER	02/02/2010	Shaun Barron



### SPECIFICATION

**VOLTAGE 240VAC**  
**FREQUENCY 50/60Hz**  
**CURRENT 6A @ 40 °C**  
**OVERLOAD CURRENT 150% 1MIN. 200% 1SEC**  
**TEMPERATURE -25 TO 85 °C**  
**LEAKAGE CURRENT:-**  
**AS PER IEC950 = 2.26mA @ 240V 50Hz**  
**HUMIDITY 90% RH**  
**VIBRATION 10-200Hz 1.8G**  
**ELECTRIC STRENGTH 2500VAC/1min.**  
**POWER LOSS (FULL LOAD) = 3.5W**  
**2mm<sup>2</sup> SPRING CLAMP**  
**WEIGHT 0.3kg**  
**BACK MOUNTING 4x M4**  
**SIDE MOUNTING 2x M5**

### CONSTRUCTION

**PERFORATED ALUMINIUM BODY FOR AIR COOLING,**  
**ALL COMPONENTS PCB MOUNTED**

### ATTENUATION

**COMMON MODE - 80dB AT 150kHz**  
**DIFFERENTIAL MODE - 50dB AT 150kHz**

**RoHS**  
**2002/95/EC**  
  
**Compliant**

Tel No. +44(0)1724 273200 Website www.dem-uk.com

**PROPRIETARY AND CONFIDENTIAL**  
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**ALPHA 3 MANUFACTURING.**  
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**ALPHA 3 MANUFACTURING IS PROHIBITED.**

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN MILLIMETRES  
 LINEAR TOLERANCE:  
**NO DECIMAL PLACES ±0.5mm**  
**1 DECIMAL PLACE ±0.25mm**  
**2 DECIMAL PLACES ±0.125mm**  
**ANGULAR TOLERANCE: ±1°**

FINISH -  
 DEBURR AND BREAK SHARP EDGES -  
 IF IN DOUBT ASK  
 DO NOT SCALE DRAWING

DRAWN BY  
 APPROVED BY

SPB  
 SW  
 THIRD ANGLE PROJECTION

SHEET 1 OF 1  
 SCALE 1:1  
 A4

TITLE GENERAL SPECIFICATION  
 SINGLE PHASE 6A  
 MAINS FILTER

DRAWING NO. MIF06

ISSUE **03**  
 Release



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