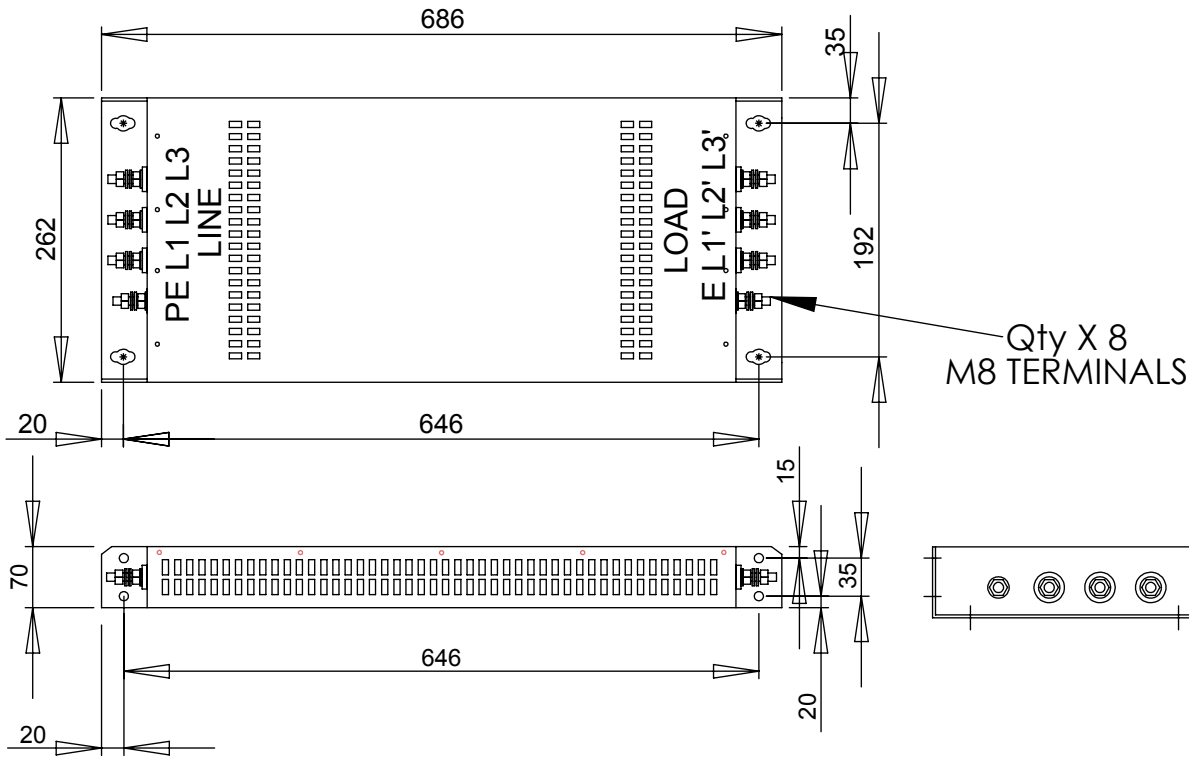


REV.	CNN	CNN DESCRIPTION	Date	Check in
02	-	BORDER CHANGE	02/02/2010	Shaun Barron



### SPECIFICATION

VOLTAGE 500Vac  
 FREQUENCY 50/60Hz  
 CURRENT 75A @ 40 °C  
 OVERLOAD CURRENT 150% 1MIN. 200% 1SEC  
 TEMPERATURE -25 TO 85 °C  
 LEAKAGE CURRENT:-  
 AS PER IEC950 = 50mA @ 500V 50Hz  
 HUMIDITY 90% RH  
 VIBRATION 10-200Hz 1.8G  
 ELECTRIC STRENGTH 2500VAC/1min.  
 POWER LOSS (FULL LOAD) = 57W  
 WEIGHT 5.2Kg  
 BACK MOUNTING 4x M5 (DUAL KEYWAY)  
 SIDE MOUNTING 4x M8

### ATTENUATION

COMMON MODE - 60dB AT 150kHz  
 DIFFERENTIAL MODE - 40dB AT 150kHz

### 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.



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

PROPRIETARY AND CONFIDENTIAL  
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ALPHA 3 MANUFACTURING.  
 ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF 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°



DEM Manufacturing, Deltron Emcon House  
 Hargreaves Way, Sawcliffe Ind. Park,  
 Scunthorpe, North Lincolnshire, DN15 8RF, UK

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

DRAWN BY SPB  
 APPROVED BY SW  
 THIRD ANGLE PROJECTION  
 SHEET 1 OF 1  
 SCALE 1:1  
 A4

TITLE GENERAL SPECIFICATION  
 3 PHASE 500V 75A  
 MAINS FILTER  
 DRAWING NO. MIF375  
 ISSUE 02  
 Release