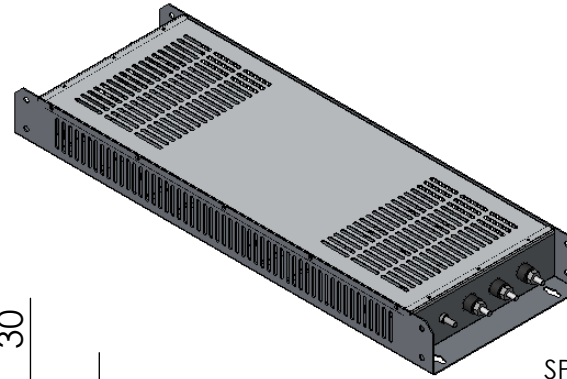


REV.	CNN	CNN DESCRIPTION	Date	Check in
04	-	BORDER CHANGE	02/02/2010	Shaun Barron



**RoHS**  
2002/95/EC  
Compliant

**SPECIFICATION**

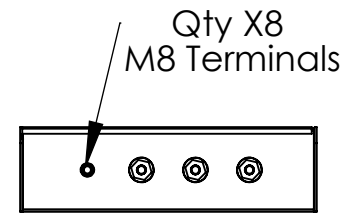
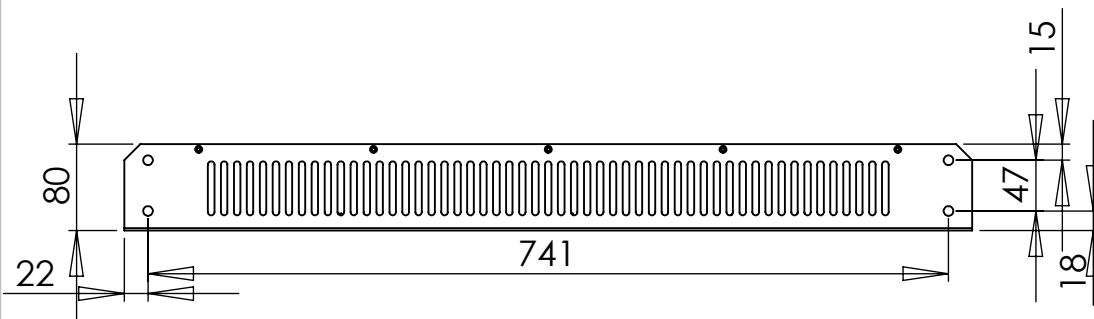
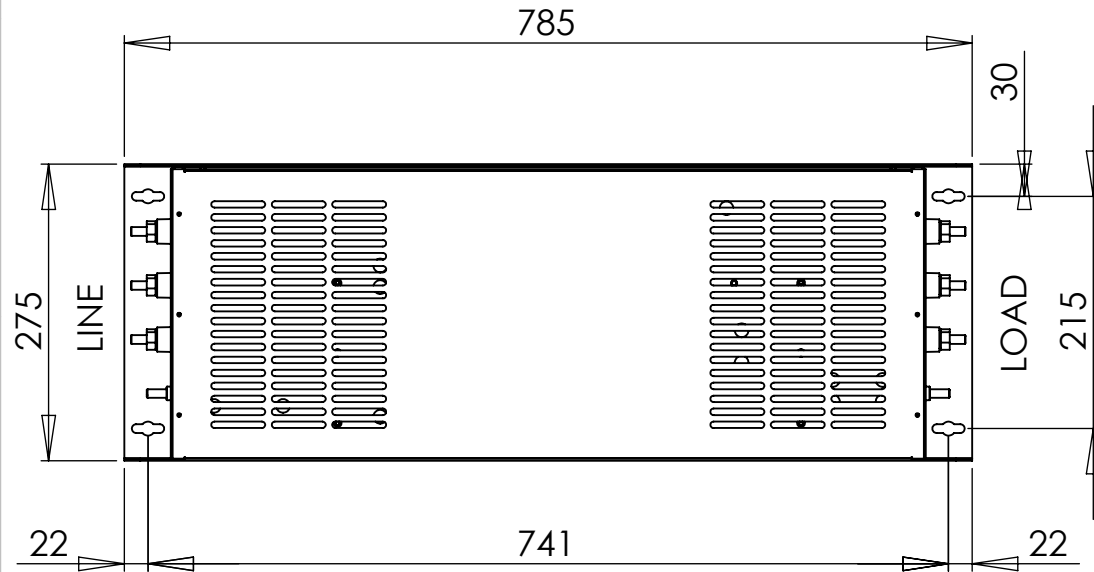
VOLTAGE 500Vac  
 FREQUENCY 50/60Hz  
 CURRENT 100A @ 40°C  
 OVERLOAD CURRENT 150% 1MIN. 200% 1SEC  
 TEMPERATURE -25 TO 85 deg C  
 LEAKAGE CURRENT:-  
 AS PER IEC950 = 73mA @ 500V 50Hz  
 HUMIDITY 90% RH  
 VIBRATION 10-200Hz 1.8G  
 ELECTRIC STRENGTH 2500VAC/1min.  
 POWER LOSS (FULL LOAD) = 75W  
 WEIGHT 9.5 Kg  
 BACK MOUNTING 4x M6 (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  
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 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°

FINISH	-	DEBURR AND BREAK SHARP EDGES	DRAWN BY	SPB	TITLE	GENERAL SPECIFICATION
			APPROVED BY	SW		3PHASE 500V 100A
						MAINS FILTER
			THIRD ANGLE PROJECTION	SHEET 1 OF 1	DRAWING NO.	MIF3100
MATERIAL	ALUMINIUM			SCALE 1:7	ISSUE	04
				A4		Release

IF IN DOUBT ASK DO NOT SCALE DRAWING	
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