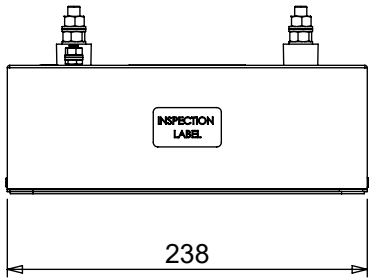
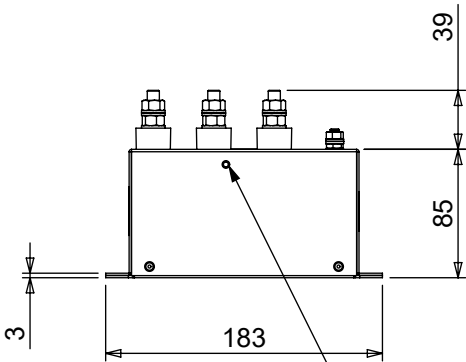
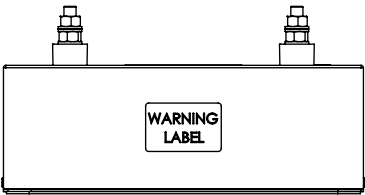
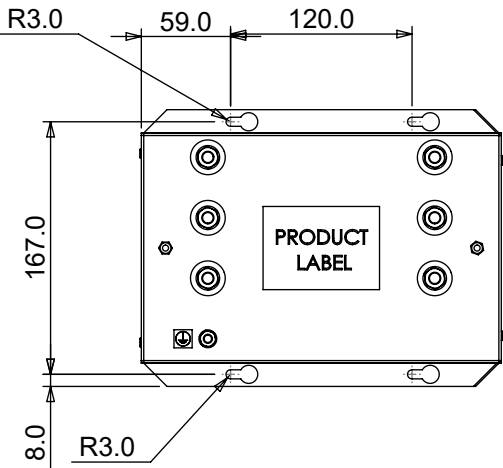
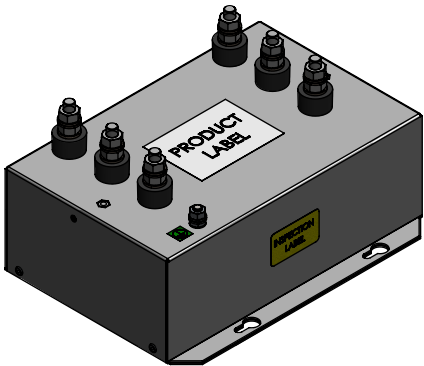
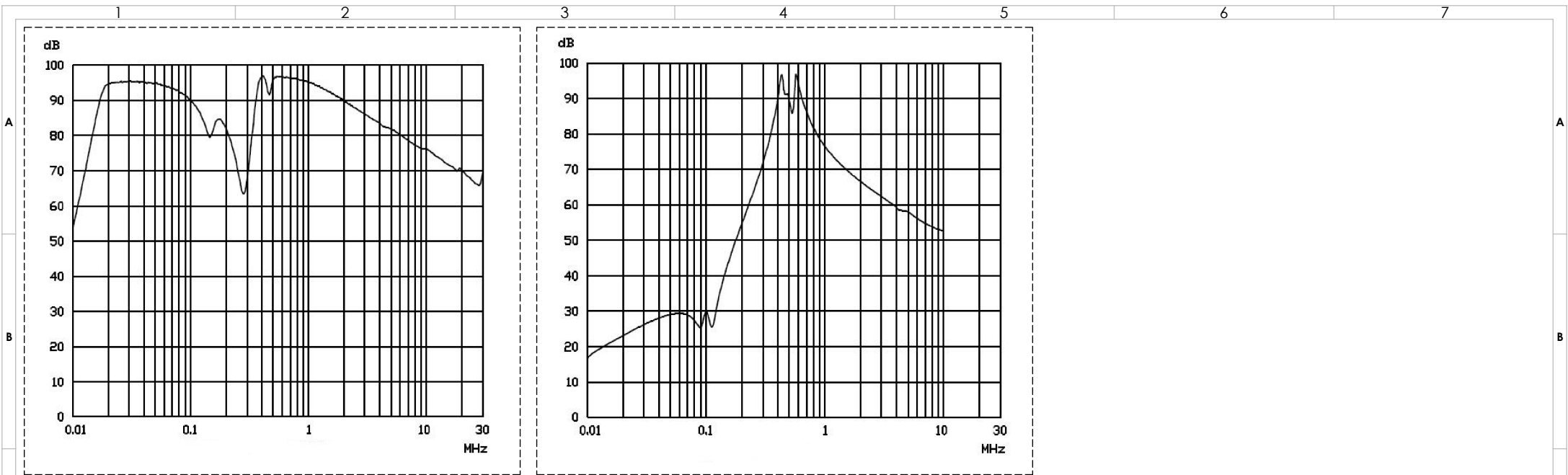


	2	3	4	5	6	7
	MDF3100					
	AKA	n/a				
	ALTITUDE	2000m				
	CURRENT	100A 40°C				
A	CLASS	Class I				
	DEVICE	rfi filter				
	EARTHING	M6x13 stud 4Nm				
	ENCLOSURE	aluminium 1.5mm				
	ENVIRONMENT	-25/+85/21				
	FLAMMABILITY	UL94 V-2 min				
	GND BOND	25A 50/60Hz				
	HUMIDITY	93% RH non-condensing				
	INSULATION	500Vdc ≥3.5MR				
	IP RATING	IP00				
B	LOSS	17W/ph				
	LEAKAGE	2.2mA operating				
	MASS	6.35kg				
	MATERIAL	Group IIIa				
	MOUNTING	M5 2Nm				
	MTBF	22yrs (MIL-HDBK-217F)				
	OVERLOAD	150% 60s				
	OVERVOLTAGE	Category II				
	PACKAGING	ASTM D7386				
	PCB	FR4 ZPMV2 105°C				
C	POLLUTION	Degree II				
	POTTING	resin				
	POWER	83kW (24kW)				
	RESIDUAL	106V 5s				
	RESISTANCE	1.7mR/ph				
	SCCR	10kA				
	SHOCK	15g 11mS				
	SPACING	≥50mm ventilated surfaces				
	STYLE	stud filter				
	SUPPLY	3P 50/60Hz				
D	TERMINAL	stud M8 6Nm				
	VARISTOR	n/a				
	VIBRATION	5-55Hz 350um 55-500Hz 2G				
	VOLTAGE	400/480V (520V max)				
	WITHSTAND	2900Vdc 60s				
	EU/UK	CE/UKCA				
	US	uR				
	CAN	cUR				
	OTHER					
E						

Fixing for surge arrester (VSU3W)





DELTRON Components		b'es DEM		Alpha3 manufacturing		PROPRIETARY AND CONFIDENTIAL:		IF IN DOUBT ASK! DO NOT SCALE DRAWING!		AUTHOR		TITLE	
DELTRON Enclosures						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.		FINISH		EDITOR		FILE	
ROXBURGH EMC						UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES LINEAR & RADIAL TOLERANCE: NO DECIMAL PLACES ±0.5mm 1 DECIMAL PLACE ±0.25mm 2 DECIMAL PLACES ±0.125mm ANGULAR TOLERANCE: ±1°		MATERIAL		APPROVER		PART	
+44(0)1724 273200		www.dem-uk.com		DEM Manufacturing is a division of Alpha 3 Manufacturing LTD DEM Manufacturing, Deltron Emcon House, Hargreaves Way, Sawcliffe Ind. Park, Scunthorpe, North Lincolnshire, DN15 8RF, UK		THE FINISHED PRODUCT SHOULD BE CLEAN AND FREE FROM ALL LIQUIDS AND DEBRIS. SURFACES SHOULD BE OF UNIFORM APPEARANCE FREE FROM SHARP EDGES, BURRS AND CORROSION		THIRD ANGLE PROJECTION		SHEET 2 OF 2		ISSUE/REV. 006	
										SCALE 1:1		RELEASED	
										A4		RELEASE DATE	
												27/06/2023	
												15/08/2024	