

Technical drawing of the MIF3400 enclosure, showing isometric, front, and rear views with dimensions.

Isometric View: Shows the enclosure with dimensions: 579.5 (width), 360.0 (height), and 420 (depth). The enclosure is labeled "MIF3400".

Front View: Shows the enclosure with dimensions: 579.5 (width), 360.0 (height), and 420 (depth). The enclosure is labeled "MIF3400".

Rear View: Shows the enclosure with dimensions: 579.5 (width), 360.0 (height), and 420 (depth). The enclosure is labeled "MIF3400".

Dimensions:

- Overall Width: 579.5
- Overall Height: 360.0
- Overall Depth: 420
- Mounting Flange Thickness: 6
- Mounting Flange Width: 22.5
- Mounting Flange Height: 110
- Mounting Flange Hole Diameter: Ø 12.0
- Mounting Flange Hole Spacing: 24.0
- Mounting Flange Hole Diameter: Ø 12.0

Technical Specifications:

Property	Value
AKA	n/a
ALTITUDE	2000m
CURRENT	400A 40°C
CLASS	Class I
DEVICE	rfi filter
EARTHING	stud M10 20Nm
ENCLOSURE	aluminium 3mm
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
LOSS	10W/ph
LEAKAGE	70mA operating
MASS	14.42kg
MATERIAL	Group IIIa
MOUNTING	M10 20Nm
MTBF	22yrs (MIL-HDBK-217F)
OVERLOAD	150% 60s
OVERVOLTAGE	Category II
PACKAGING	ASTM D7386
PCB	FR4 ZPMV2 105°C
POLLUTION	Degree II
POTTING	air
POWER	332.2kW (96kW)
RESIDUAL	615V 5s, 0V 270s
RESISTANCE	61uR/ph
SCCR	30kA
SHOCK	15g 11ms
SPACING	≥50mm ventilated surfaces
STYLE	busbar filter
SUPPLY	3P 50/60Hz
TERMINAL	Cu 35x3.5mm C106 M12 30Nm
VARIATOR	680V 6.5kA (895Vdc)
VIBRATION	5-55Hz 350um 55-500Hz 2G
VOLTAGE	400/480V (520V max)
WITHSTAND	2900Vdc 60s w/out mov
EU/UK	CE/UKCA
US	uR
CAN	cUR
OTHER	

Technical Specifications:

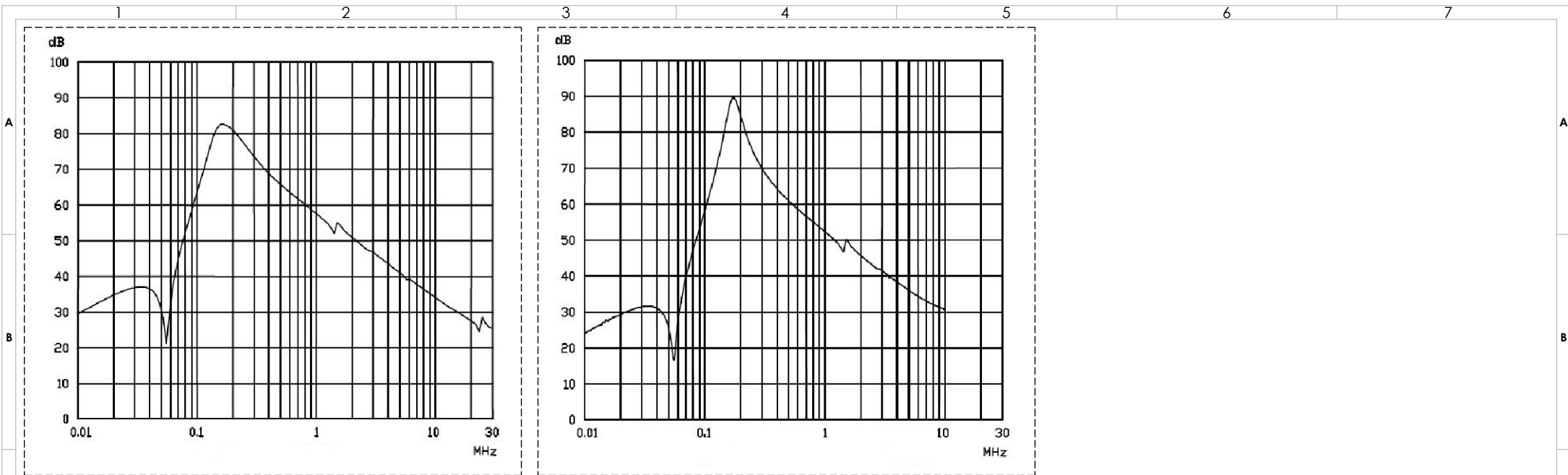
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B: 50/50Ω ASYMMETRICAL (COMMON) LINE Y-CAP/CLIP REMOVED				C: 50/50Ω ASYMMETRICAL (COMMON) LOAD Y-CAP/CLIP REMOVED				D: 50/50Ω ASYMMETRICAL (COMMON) Y-CAPS/CLIPS REMOVED				E					
DELTRON Components DELTRON Enclosures ROXBURGH EMC		b.e.s. DEM Alpha3 MANUFACTURING		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. 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				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°		IF IN DOUBT ASK! DO NOT SCALE DRAWING! FINISH - MATERIAL - 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		AUTHOR Neil Marshall EDITOR DB APPROVER DB THIRD ANGLE PROJECTION		TITLE SPECIFICATION FILE MIF3400 PART MIF3400 SHEET 2 OF 2 SCALE 1:1 A4		ISSUE/REV. 011 RELEASED EDIT DATE 28/06/2023 RELEASE DATE 28/06/2023	
+44(0)1724 273200		www.dem-uk.com															