MIF3400B

AKA

Description	3P 500V 400A BUSBAR FILTER
Device	rfi filter
Current	400A 40°C
Earthing	stud SS M10 25Nm
Enclosure	aluminium 3mm
Loss	14.1W/ph
Leakage	663.42mA operating
Mass	22.12kg
Mounting	818x360(62)mm M12 30Nm
PCB	fr4 avlv2 VW-1 600V 105°C
Potting	air
Power	332.2kW(96kW)
Protection	IP00
Resistance	88uR/ph
Residual	595 5s, 0V 270s
SCCT	30kA
Supply	400/480V 50/60Hz
Terminal	Cu 35x3.5mm C106 M12 30Nm
Varistor	680V 6.5kA (1000Vdc)
Withstand	2900Vdc 60s w/out mov
Altitude	1000m (3000m w/derating)
Bonding	25A 50/60Hz
Class	class I
Environment	-25/+85/21
Flammability	ULV2 min
Humidity	93% RH non-condensing
Insulation	500Vdc ≥3.5MR
Material	group IIIb
MTBF	22yrs (MIL-HDBK-217F)
Overload	135% 2hrs 150% 60s
Overvoltage	category II
Packaging	ASTM D7386
Pollution	degree II
Shock	15g 11mS
Spacing	≥50mm gap
Vibration	5-55Hz 350um 55-500Hz 2G
EU	CE EN60939
US	uR UL1283
CAN	cUR CSA22.2

873.0

Ø12.0

420.0

360.0

22.5

818.0

30.0

Ø12.0

62.0

24.0

22.5

818.0

110.0
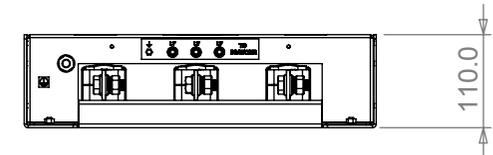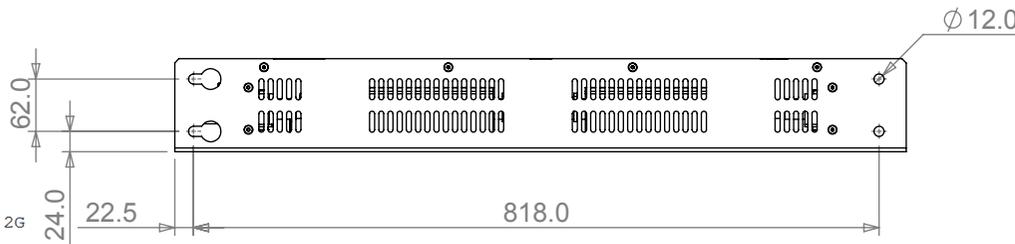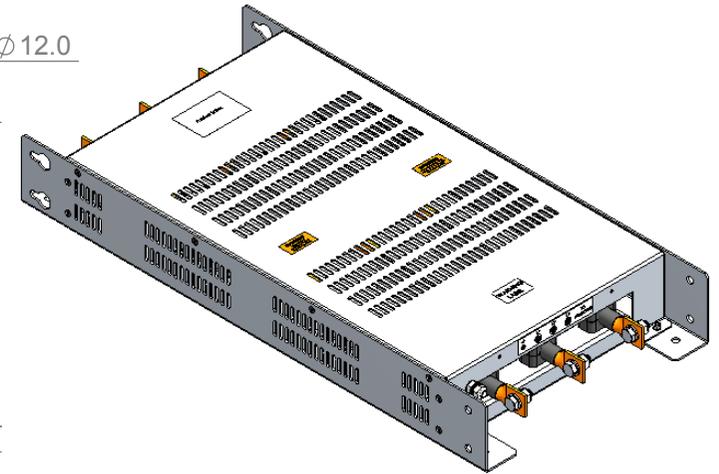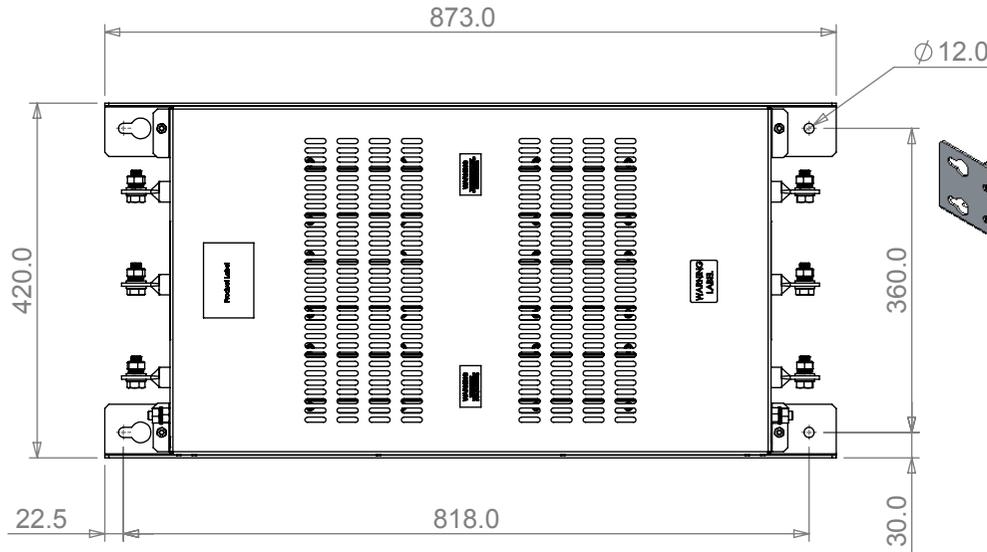
Tel No. +44(0)1724 273200
Website www.dem-uk.com

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

bcs
ROXBURGH EMC
DELTRON Components
DELTRON Enclosures
Alpha3 manufacturing
DEM

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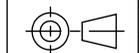**2 DECIMAL PLACES** ±0.125mm
ANGULAR TOLERANCE: ±1°

DO NOT SCALE DRAWING

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	SW
DATE	24/02/15

THIRD ANGLE PROJECTION

SHEET 1 OF 1	
SCALE 1:20	
A4	

TITLE
SPECIFICATION

DRAWING NO.
MIF3400B

ISSUE
04
Release

ROXBURGH ELECTRONICS LTD
FILTER INSERTION LOSS CHARACTERISTICS
CISPR 17 - 50 OHM METHOD

MIF3400B

COMMON MODE

DIFFERENTIAL MODE