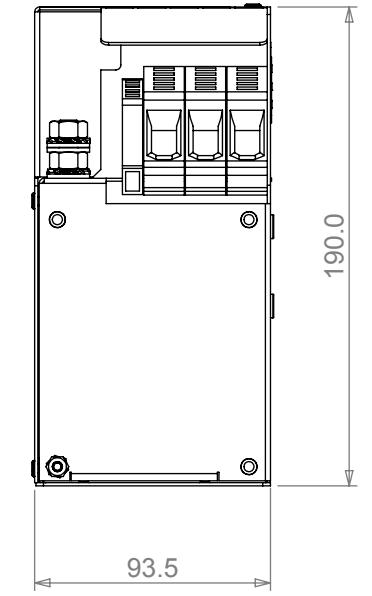
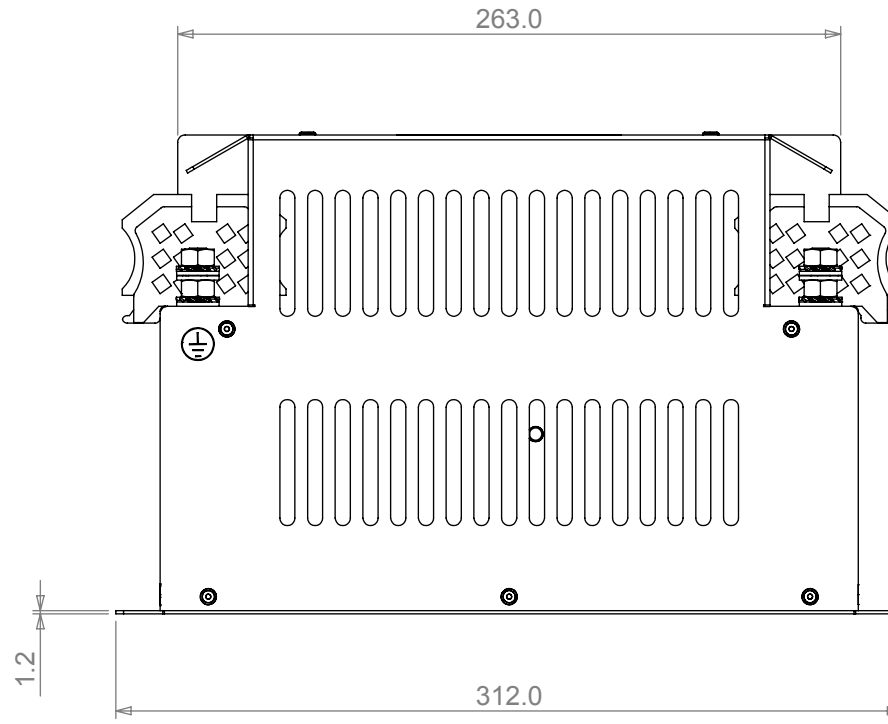
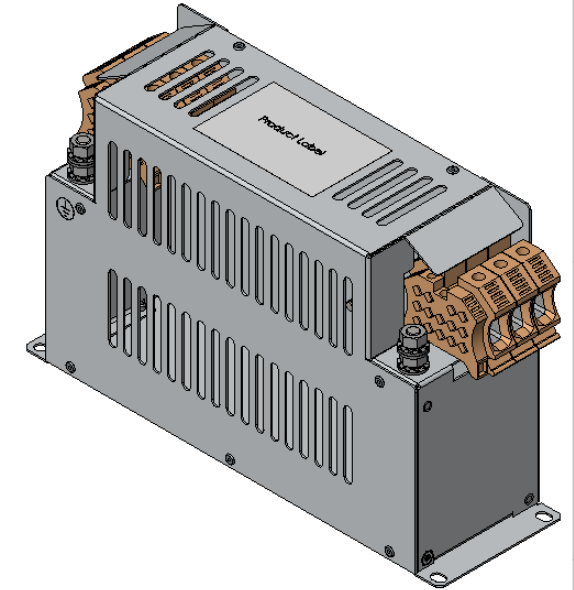
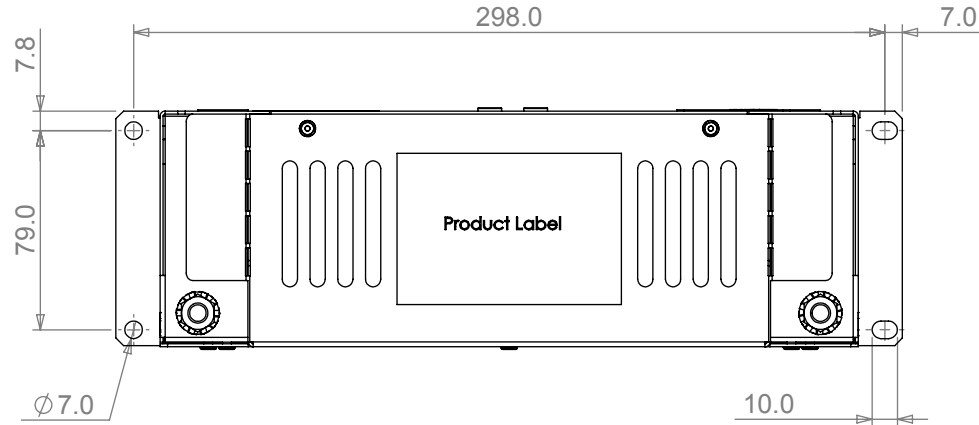


KMF350A

AKA

Description	3P 500V 50A TERMINAL FILTER
Device	rfi filter
Current	50A 40°C
Earthing	M8x23 stud ss 6Nm
Enclosure	aluminium 1.2mm
Loss	5.25W/ph
Leakage	22.8mA operating
Mass	3.3kg
Mounting	M6x4
PCB	fr4 avlv2 VW-1 600V 105°C
Potting	air
Power	41.5kW(12kW)
Protection	IP20
Resistance	2.1mR/ph
Residual	463V 5s
SCCT	10kA
Supply	400/480V 50/60Hz
Terminal	screw 35mm <sup>2</sup> 5Nm strip 18mm
Varistor	n/a
Withstand	2900Vdc 60s
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 II Ib
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

TERMINALS HIDDEN



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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°**

**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	TITLE
DATE	04/03/15	SPECIFICATION
THIRD ANGLE PROJECTION	SHEET 1 OF 1	
	SCALE 1:5	
	A4	DRAWING NO.

KMF350A		ISSUE
		<b>06</b>
		Release

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

KMF350A

