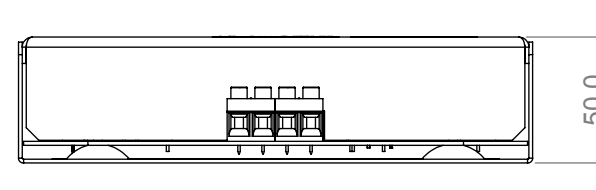
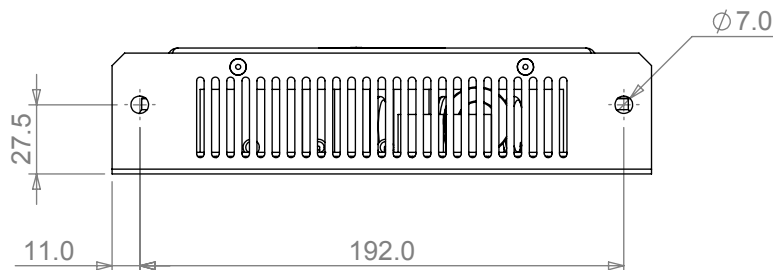
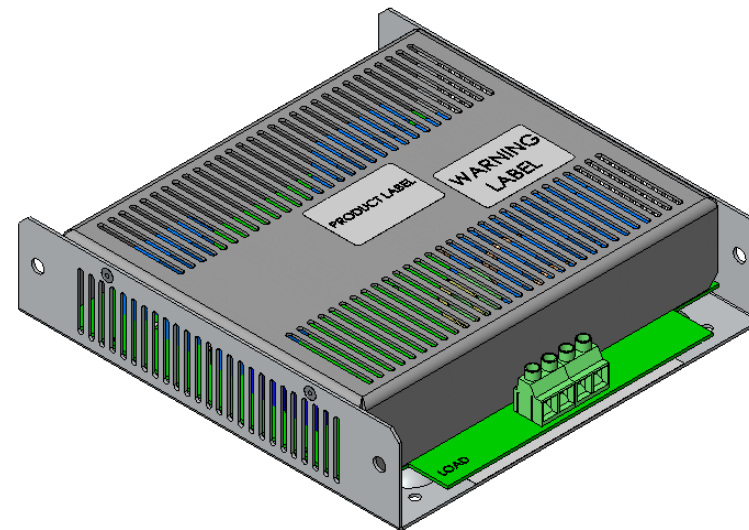
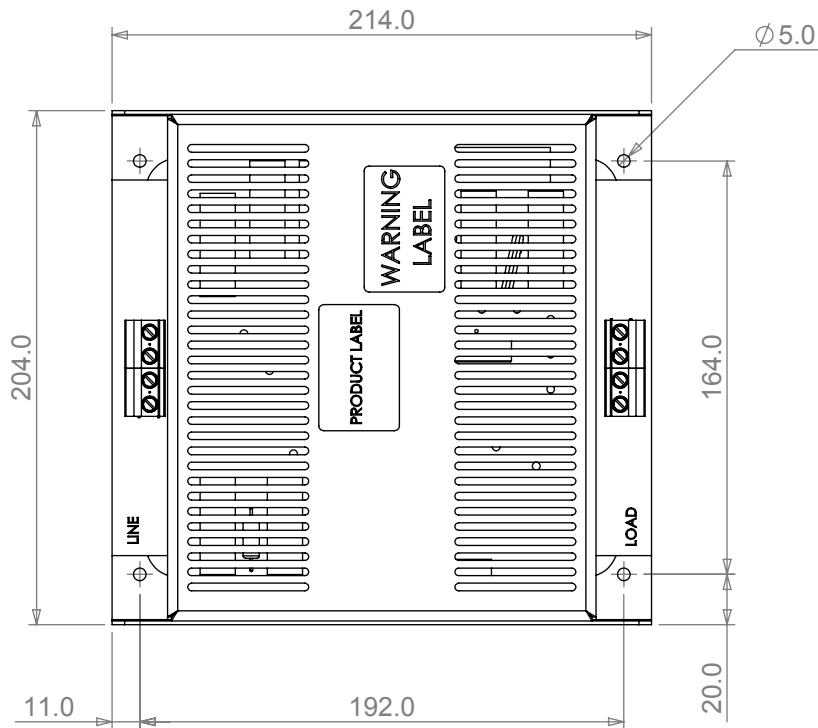


MIF23

AKA

**Description** 1P 250V 23A STUD FILTER  
**Device** rfi filter  
**Current** 23A 40°C  
**Earthing** screw 4mm<sup>2</sup> 0.5Nm strip 8mm  
**Enclosure** aluminium 1.5mm  
**Loss** 5W/ph  
**Leakage** 90mA operating  
**Mass** 1.19kg  
**Mounting** M4x4 (M6x2)  
**PCB** fr4 avlv2 VW-1 600V 105°C  
**Potting** air  
**Power** 5.5kW  
**Protection** IP20  
**Resistance** 9.5mR/ph  
**Residual** 9V 5s  
**SCCT** 5kA  
**Supply** 230/240V 50/60Hz  
**Terminal** screw 4mm<sup>2</sup> 0.5Nm strip 8mm  
**Varistor** 275V 6.5kA (500Vdc)  
**Withstand** 2100Vdc 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 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



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



**PROPRIETARY AND CONFIDENTIAL:**

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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°**

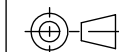
**DO NOT SCALE DRAWING**

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

DATE

THIRD ANGLE PROJECTION



SW

DATE

SHEET 1 OF 1

SCALE 1:5  
 A4

TITLE

SPECIFICATION

DRAWING NO.

MIF23

ISSUE

05

Release

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

MIF23

