

INSTALLATION GUIDE

DOC15 ISS29 2023/06/30

Thank you for purchasing a Roxburgh, Radio Frequency Interference (RFI) filter. Please follow guidance for the safe operation of this device:

- Device is intended for RFI filtering via connection to the mains power line network.
- Device must be installed in accordance with local regulations and by a qualified engineer.
- Protection and performance may be impaired if used in any unspecified manner.
- Refer to the device Specifications for additional and specific product information.
- Do not exceed any product ratings or use outside the stated environmental conditions.
- Device is suitable for mains power frequencies 50-60Hz. DC is also acceptable.
- Device is suitable for 40°C unless specified, installation category II (cat III cabinet).
- Device is rated for RMS Voltage and Continuous RMS current, overload 150% 60s.
- Use EN 61010-031 probes (4mm exposed or less) when testing live voltages.
- Use appropriate RCD protection with sensitivity suitable for the application (Type B).
- SCCR when fused, Current-limiting fuses, Class J,L,R,T (or similar Ip,I²t).
- Use enclosures with restricted access and any terminals covers provided or available.
- Observe the Line, Load and Earth designations and correct phase orientation.
- Terminals marked Protective Earth (PE) must connect to the Protective Earthing System.
- Device chassis should be directly bonded to ground to ensure safety and performance.
- Device clearance ≥50mm from ventilated surfaces. Orientation horizontal or vertical book.
- Unless otherwise stated, use the minimum typical recommended torque settings.
- Where permitted, ensure device is fully discharged prior to removal of Y capacitor links.
- Subsequent HV Test (flash/hipot/withstand) at 66% rated test Vdc, ramp 25s, dwell 2s.
- Observe Warnings! Hazardous Voltages, Currents and Charges exist after voltage isolation.

China RoHSII Disclosure Table

有害物质披露表 Hazardous Substance Disclosure Table							
产品中有害物质的名称及含量 Name and content of hazardous substances in product							
产品类别 Product Range		Roxburgh EMC Filters					
零件号码 (如果适用) Part Number (if applicable)							
部件名称 Component Name	有害物质 Hazardous substances						
	铅 Lead (Pb)	汞 Mercury (Hg)	镉 Cadmium (Cd)	六价铬 Hexavalent Chromium (Cr(VI))	多溴化联苯 Polybrominated Biphenyls (PBBs)	多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)	环保使用期限 EFUP Period
金属部件 Metal Components	X	O	O	O	O	O	25 yrs
本表格依据SJ/T 11364的规定编制。This table is made per guidance of SJ/T 11364 O: 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下。 O: Indicates that this hazardous substance contained in all of the homogeneous materials for the part is below the limit requirement in GB/T 26572.							
X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求。 X: Indicates that this hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in GB/T 26572.							

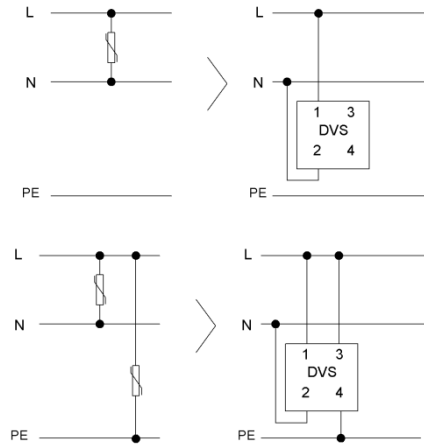
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Registered in England & Wales. Company number 01065925.

Connection examples for use
with DVS24/48/110/240 ONLY



Rubber Boots provide additional protection for stud terminals. Sufficient grip is normally maintained by the terminal bush. To firmly locate in position use a tie-wrap as shown below.



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