

Roxburgh RIP/RIQ Series EMI Filters

Single-phase Power Entry Module with Filter, Fuse and Switch

The Roxburgh RIP/RIQ Series Power Entry Modules are specifically designed as single-stage line filters for 120/240V AC devices where fusing and a power switch are desired. They provide good performance for both common mode and

differential mode interference and are rated at 250V. RIP filters are thru-hole flange mounted with screws. RIQ modules are designed to be through-hole snap-in style.

Features

- 120/240V AC/DC, 50/60 Hz, single-phase
- 2A, 4A and 6A models
- One replaceable 5mm x 20mm glass fuse included in each module
- One spare 5mm x 20mm glass fuse included in each module fuse tray
- Metal case, miniature type
- Through-hole mount – Snap-in or Flanged
- 1/4" quick disconnect
- ON – OFF DPST switch
- Filter performance curves are available on item page at: www.automationdirect.com

Applications

- Ideally suited for products that must conform to part 15, FCC regulations
- Digital Electronics
- Personal computers and peripherals
- Measuring instruments
- Small equipment applications
- Monitors and display units

Standards and Certifications



RIP Module

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Specifications										
Parameter	RIP-0242-H2	RIP-0442-H2	RIP-0642-H2	RIQ-0242-H2	RIQ-0442-H2	RIQ-0642-H2				
Max. Power (kW)	0.5	1.0	1.5	0.5	1.0	1.5				
Current Rating (A)	2	4	6	2	4	6				
SCCR Rating (kA)	5									
Ingress Protection	IP20									
Temperature Rise	40°C	45°C		40°C	45°C					
Terminal Style	1/4" quick disconnect									
Operational Leakage Current (mA)	0.35									
Total Resistance, Line to Load (mΩ)	500	250	170	500	250	170				
Residual Voltage (V@5s)	1V@5s									
Heat Dissipation (W)	2	4	6.12	2	4	6.12				
Weight (lb [kg])	0.1 [0.045]									