

EMI FILTER SOLUTIONS

A GUIDE TO MEDICAL APPLICATIONS



PATIENT CARE MONITORING, DIAGNOSTIC SYSTEMS & SURGICAL EQUIPMENT

- ✓ Varying insertion loss filters to help comply with EMI requirements
- ✓ Helps mitigation of EMI between adjacent equipment
- ✓ Power Entry Modules with Fuse & Switch
- ✓ Help emission compliance to IEC 60601-1-1 requirements (EN55011 for Conducted Emissions)
- ✓ Selectable Line-Ground capacitors (5uA MIN. - 1.6mA MAX.) for low leakage applications

 **SINGLE PHASE**

1-20A / 120-300VAC

 **IEC INLET**

1-20A / 120-250VAC

 **POWER ENTRY MODULES**

1-10A / 120-250VAC

EMI FILTER SOLUTIONS

- | | | |
|---|---|---|
|  LCR080M |  LCR085M |  RP100 |
|  LCR081M |  RP180 |  RP105 |
|  LCR082M |  RP185 |  RP110 |
|  LCR083M |  RP187 |  RP210 |
|  LCR084M |  RP188 |  RP225 |



MEDICAL FACILITY HOSPITAL LIGHTING

- ✓ High performance filters
 - ✓ 277/300 VAC Rated
 - ✓ Compact, Single, and Dual Stage Filters
 - ✓ Help emission compliance to MIL-STD-461 & CE102
 - ✓ Selectable Line-Ground capacitors (0- 4.7 nF or higher)
-  **SINGLE PHASE**

1-20A / 120-300VAC

EMI FILTER SOLUTIONS

- | |
|---|
|  RP100 |
|  RP105 |
|  RP110 |
|  RP210 |
|  RP225 |



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MEDICAL IMAGING

MRI, CT SCAN, ULTRASOUND, X-RAY MACHINE, THERAPY DELIVERY EQUIPMENT & POWER DISTRIBUTION UNITS

- ✓ Medium to high insertion loss filters to help comply with EMI requirements
- ✓ Single, Dual, and Multi-Stage Filters
- ✓ Gradient Amplifier Filters
- ✓ Help emission compliance to IEC 60601-1-1 requirements (EN55011 for Conducted Emissions)
- ✓ Selectable Line-Ground capacitors (0 - 4.7 nF or higher) to meet leakage current limits

⚡ SINGLE PHASE

3-200A / 300VAC

⚡ 3 PHASE DELTA

3-600A / 600VAC

⚡ 3 PHASE WYE

3-600A / 600VAC

EMI FILTER SOLUTIONS

- ↳ RP100
- ↳ RP105
- ↳ RP110
- ↳ RP130
- ↳ RP135
- ↳ RP210
- ↳ RP225
- ↳ RP300

- ↳ RP305
- ↳ RP327
- ↳ RP328
- ↳ RP330
- ↳ RP360
- ↳ RP400
- ↳ RP420
- ↳ RP425

MRI ROOMS

MRI ROOM POWER & SIGNALS

- ✓ High performance filters to help comply with MRI room EMI requirements
- ✓ Power Line 100dB at 5MHz to 10GHz
- ✓ Data line varies by data speed
- ✓ Control/Alarm Line: 100dB @ 14KHz to 10GHz

⚡ POWER LINE

UP TO 50A / 120-277VAC

⚡ SIGNAL LINE

0.5-5A / 600VDC-300VAC

EMI FILTER SOLUTIONS

- ↳ LCR059
- ↳ LCR057/02
- ↳ LCR058

