

# SMARTSERIES

HIGH CAPACITY AC MAINS  
FILTERED PROTECTION



MODEL: DRM95-20A

POWER PROTECTION



NOISE FILTRATION



REACTION TIME



MODEL: DRM95-20A

# SMART SERIES

DRM95

## FEATURES

-  20A & 30A MODELS
-  DYNAMIC ACTIVE TRACKING FILTER
-  SPIKE/SURGE PROTECTION
-  NEEDS ELECTRICIAN TO INSTALL
-  6 YEAR REPLACEMENT WARRANTY

## PROTECTS

-  WHOLE CIRCUIT FILTERED PROTECTION
-  LED LIGHTING SYSTEMS
-  CBUS & DYNALITE SYSTEMS
-  AV & SOUND CIRCUITS
-  AIR-CONDITIONERS
-  PCB OR OTHER TYPE SENSITIVE ELECTRONICS

## THE ULTIMATE PROTECTION

SmartBoard Smart Series with unique Dynamic Active Tracking™ is the most comprehensive and advanced solution to protect your electronic equipment.

Improving flickering from LED or reducing re-programming from PLC and specialised lighting systems like CBUS/Dynalite to stopping spikes/surges or electrical noise contaminating whole circuits. DRM95 is relied on in these and many more similar type applications.

### Cleans, protects and can fix these sorts of problems

- 1 Massive surge protection
- 2 Lighting interference
- 3 Speaker hissing noise
- 4 Thumping noise from sub woofer
- 5 Reduces pixelation
- 6 Blurred picture
- 7 Picture scrambling
- 8 Hum noise



The Thor SmartBrain not only protects from surges, it also filters and cleans electrical frequency noise to give you unbeatable sound and video quality. Enjoy a truer AV experience with better picture quality and purer sound. Can also improve computer gaming speeds and fix internet dropouts.

### TECHNICAL SMARTS

Product Dimensions: 70mm(W) x 90mm(H) x 60mm(D) | Supply voltage 240/V AC 50Hz | Maximum current rating 20amps/4800 W (VA) | Clamping Voltage 275VAC | Maximum Transient Spike Impulse Current (AMPS) 49,000 amps | Maximum Energy Dissipation (Joules) 1330 Joules | EMI/RFI Noise Reduction Filter Type - Dynamic Active Tracking (SmartBrain Active) | Protected AC - Incorporating 32 separate protection components | Earth Leakage Range - Less than 1 milli amp | Operating Temperature -10C/+60C | Protection Modes on all 3 conductors Active/Neutral/Earth | Model No. DRM95 20A.

### INSIDE THE SMART BRAIN

SmartBrain has a premium filter technology called Dynamic Active Tracking. This unique filter has the best chance of "cleaning" electrical noise because it shields around 40% more frequencies when compared to other filters. It is an Active filter and can "clean" unwanted frequencies on both the upward curve and the downward curve of a sine wave (power). Most other filters only work at the crest of the wave and therefore miss a huge section of these unwanted frequencies that can generate noise on sensitive electronic devices.



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AND ENGINEERED  
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