

SMARTCAVITY MOUNT

ACTIVE FILTER AND SURGE PROTECTION MODULE



MODEL: CM90-20A

SURGE PROTECTION

SURVIVED
OVER 75KA
SURGE HITS

POWER PROTECTION



NOISE FILTRATION

70% MORE
FILTRATION
THAN AUSTRALIAN
INDUSTRY
STANDARDS

REACTION TIME

1 NANO
0.000000001
SECOND

MODEL: CM90-20A

SMARTCAVITY MOUNT



FEATURES

- DYNAMIC ACTIVE TRACKING FILTER
- SPIKE/SURGE PROTECTION
- AVAILABLE 20A/ ELECTRICIAN TO INSTALL
- 6 YEAR REPLACEMENT WARRANTY

PROTECTS

- ALL SCREENS
- PROJECTORS
- HI FI / AUDIOPHILES
- SPEAKERS
- RECORDING EQUIPMENT
- COMPUTERS
- CIRCUIT BOARDS

THE ULTIMATE PROTECTION

The CM90 Smart Series with the unique Dynamic Active Tracking filter technology is the most comprehensive Active filtering, incorporating spike and surge protection, for all sensitive IC chip technology on the market. Benefits include reducing or eliminating error codes, file corruption, system hangs and programming glitches.

Originally designed to fit in the wall cavity behind a power point. Its applications have grown to boating, caravanning, roof and behind large screens. These applications and more are due to the slimline fire retardant housing, which makes it a breeze to fit in space challenged areas.



Cleans, protects and can fix these sorts of problems

- | | |
|---|-----------------------------|
| 1 Massive surge protection | 5 Reduces pixelation |
| 2 Lighting interference | 6 Blurred picture |
| 3 Speaker hissing noise | 7 Picture scrambling |
| 4 Thumping noise from sub woofer | 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: 125mm x 65mm x 32mm | Supply voltage 220-240V AC 50Hz | Survived over 75kA surge hits | Clamping Voltage 300V | Nominal Discharge current (All Protection Modes-8/20µs) - I_n - 5kA | Max Discharge current (All Protection Modes-8/20µs) - I_{max} - 10kA | Maximum Energy Dissipation 1120 Joules | Reaction speed less than 1 nanosecond | Earth Leakage Range - Less than 1mA | Model No. CM90.

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 70% 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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In the interest of product improvement and development THOR Technologies reserves the right at any time to modify or alter product design.