American
Electronic
Components, Inc.
®

Cool Cooking with DM44 Durakool PCB Power Relays

American Electronic Components (AEC www.aecsensors.com) introduces the **Durakool DM44 PCB Power relay**, originally developed by the AEC Team, to **control the carcass cooling fan of wall mounted ovens**, built into modern kitchen units. The **DM44 is used in many domestic appliances, to turn on and off heating elements and to control cooling fans**.

The DM44 has a 16A 277VAC rating suitable for heater and motor load switching. It operates between -30 **to +105°C** making it ideal for use in domestic appliances (white goods). Most PCB relays only operate up to 85°C and are usually placed in control panels, at the top of appliances, which is generally the hottest point. Inside white goods, such as cookers and washing machines, the **temperature can rise higher than 85°C**. Because the DM44 is able to operate up to **105°C,** it is possible to locate multiple DM44's in various positions within appliances.

Bruce Finke, VP of Sales & Marketing at AEC, commented, "All relays used in domestic appliances are controlled by a number of different standards, which must be met. Not every PCB relay will meet the requirements for cookers and washing machines."

The 5000Vrms coil to contact isolation of the DM44 PCB Power Relay meets international standards for use in domestic electrical equipment. This power relay has a long electrical life of 100,000 operations (at rated load at 105°C.)

"You could say the DM44 is a really cool relay!". Concluded Finke. (at rated load at 105°C.)

Click here to view datasheet

About American Electronic Component Incorporated
AEC is a leader in the design and manufacture of specialized electrical and electronic components primarily for automotive and industrial applications. Our product line includes positions sensors, G-force sensors, acceleration switches, DURAKOOL relays, push buttons, inclination sensors & switches and HERMASEAL glass to metal seals. Our creative engineering team has extensive experience in harsh environmental packaging concepts. We use high-quality products and are positioned to support your most challenging applications. AEC is ISO 9001 quality certified.

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