

CG APPLICATIONS

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Application Note : April 2010

Market involved : Food & Beverage

Product : RGS1A23D25KKE

Customer : ---

Subject : Switching of heaters and motor in coffee machines

CUSTOMER ISSUE :

Apart from eliminating continuous clicking sounds, the solid state relay must survive in humid conditions and must not be affected by vapours in the surrounding environment.

Above all the solution must be safe and free from any hazardous substances to avoid food or beverage contamination.

OUR SOLUTION:

RG series is RoHS compliant and does not include any mercury.

It can operate in a relative non-condensing humidity of 95%.

There is no contacts and no arcing involved as in the case of mechanical contactors.

The 17.5mm width makes it possible for use in small coffee machines/ovens.

ACHIEVED BENEFITS:

- Long operating lifetime.
- Environmental friendly.
- Promotes safety in food&beverage environments.

