



**Sense**



**Switch**



**Control**



**Fieldbus**

## Application notes



**Application Note : February 2015**

**Market involved : Medical equipment**

**Product : RF1A23D25**

**Customer : -**

**Subject : Switching of heaters in climatic chambers**

### CUSTOMER ISSUE :

A solid state relay to switch 1-phase loads up to 15 AAC with a 24 VDC signal.

The solid state relay needs to be suitable for panel mounting and have faston terminals for quick installation. Output and input faston terminations need to be distinguished.

### OUR SOLUTION :

The RF1A23D25 rated max. 280 VAC, 25 AAC is the ideal solution for this application. The 'D' control version covers a range from 18 to 28.8 VDC. due to

The 6.3mm FASTON output terminals and the 4.8mm FASTON input terminals ensure quick installation.

The pre-attached thermal interface to the back of the SSR enables the end user to mount the SSR without the need for additional processes to apply a thermal interface material.

### BENEFITS :

- Quick installation through FASTON connections
- Pre-attached thermal interface to the SSR backplate
- Low downtime due to SSR protected output
- User friendly: LED indication for control ON to facilitate diagnostics
- Safety standards conformance: Certification to international standards such as UL, CSA and VDE (pending) in addition to conformance to IEC 60335-1, which is the safety standard for such chambers.