

## Compact Solid State Relays

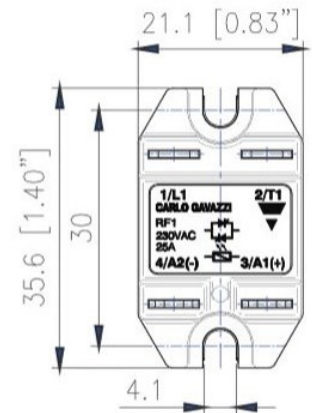
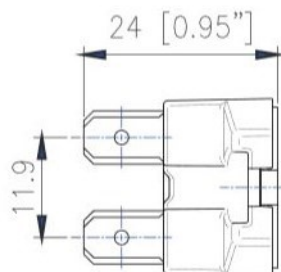
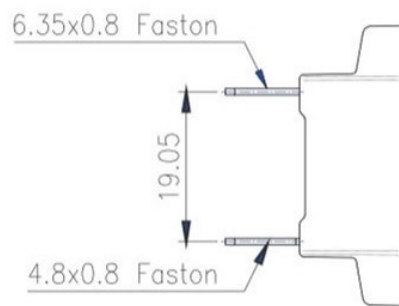
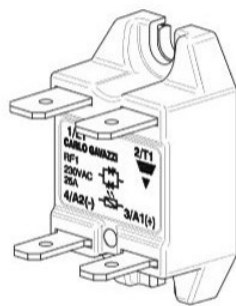


The Carlo Gavazzi RF1 Series of Solid State Relays is suitable for resistive loads and provides a compact solid state switching solution for confined spaces. The zero switching RF1A type switches ON when the voltage crosses zero. The instant-ON type RF1B switches on when the control voltage is applied. Switch OFF occurs when current crosses zero.

A green LED indicates presence of control voltage. "FASTON" terminals enable quick installation. The RF1 series is provided with pre-attached thermal interface ready for mounting on chassis of heatsink.

- AC switching 1-Phase Solid State Relay
- Zero Cross or Instant On Switching
- Switching thru back to back thyristors
- Long life thru reduced stress on output chip
- Ratings: up to 280 VAC, 25 AAC
- Control voltage: 5, 12 or 24 VDC
- LED for control status indication
- Integrated overvoltage protection

### Terminal Layout & Dimensions (approximate actual size)



1. / L1: Mains Connection
2. / T1: Load Connection
3. / A1(+): Control Signal
4. / A2(-): Ground





## Ordering Information

Part Number	Switching Mode	Rated Voltage	Control Voltage	Price
RF1A23L25	Zero Cross (ZC)	23 - 230 VAC	4.25 - 9.0 VDC	\$23.58
RF1A23M25	Zero Cross (ZC)	23 - 230 VAC	9.0 - 18.0 VDC	\$23.58
RF1A23D25	Zero Cross (ZC)	23 - 230 VAC	18.0 - 28.8 VDC	\$23.58
RF1B23L25	Instant On (IO)	24 - 280 VAC	4.5 - 9.0 VDC	\$24.38
RF1B23M25	Instant On (IO)	24 - 280 VAC	11.0 - 18.0 VDC	\$24.38
RF1B23D25	Instant On (IO)	24 - 280 VAC	18.0 - 28.8 VDC	\$24.38

Note: Rated current = 25 ACC with suitable heatsink.

***For more information, please call ECD at 847-516-2524***

