**2R7C SPST 20 AMP 120/277/347 VAC Relay**

**General Information**
- UL Listed
- Mounts in standard ½” K.O. .825” - .875” diameter, 14 or 16 gauge material
- Operates in any position

**Line Voltage Characteristics**
- Contacts: SPST Maintained (permanent magnet latching)
- Terminals: 2 terminals, 2 back wiring holes per terminal feedthrough wiring
- Screw-actuated clamps for use with #14-10 AWG solid or stranded copper wire only

**Low Voltage Characteristics**
- Split coil: ½ for “ON”, ½ for “OFF”
- Compatible with standard interface drivers
- Operating voltage:
  - 18 – 30 VAC rectified
  - 12 – 24 VDC filtered
- Duty rating: Momentary
- Minimum activating pulse time: 17 milliseconds
- Coil Impedance: 68 – 73 ohms at 60Hz, 50 – 60 ohms DC resistance
- Switching power required for each 2R relay is:
  - 2.2 VA per relay at 24 VAC rectified
  - 175 mA per relay at 12 VDC
  - 350 mA per relay at 24 VDC

**Physical:**
- Mounts in standard ½” K.O. .825” – .875”
- Operates in any position

**Electrical:**
- 120, 277 or 347 VAC
- Motor Loads
  - 1 Hp @ 120VAC
- SCCR Rating*: 18,000 Symmetrical Amperes
- 20 amp Ballast 120, 277 or 347 VAC
- Resistive loads: 20 amps 120, 277 or 347 VAC

**Connectors:**
- Leads available in plain wire (no connector), C connector (5-pin female connector), EZ connector (quick disconnect terminals for standard .187” x .020” male tabs)

**Operating Environment:**
- Location: Interior Space
- Operating: 0° to 60°C (32° to 140°F)
- Temperature
- Relative Humidity: 10% to 95%
- Atmosphere: Non-condensing, Non-explosive, Non-corrosive
- Vibration: Stationary application
- NEMA Level A

**Certificates:**
- UL
- FCC Approval for commercial and residential use

* “Suitable for use on a circuit capable of delivering not more than 10,000 rms Symmetrical Amperes, 120 Volts maximum when protected by 50A maximum RK5 fuses or a 50A circuit breaker having an interrupting rating not less than 10,000 rms Symmetrical Amperes, 277 VAC maximum. Suitable for use on a circuit capable of delivering not more than 18,000 rms Symmetrical Amperes, 277 volts AC maximum, when protected by a 20A maximum RK5 fuse having an interruption rating not less than 18,000 rms Symmetrical Amperes, 277 VAC maximum.”