

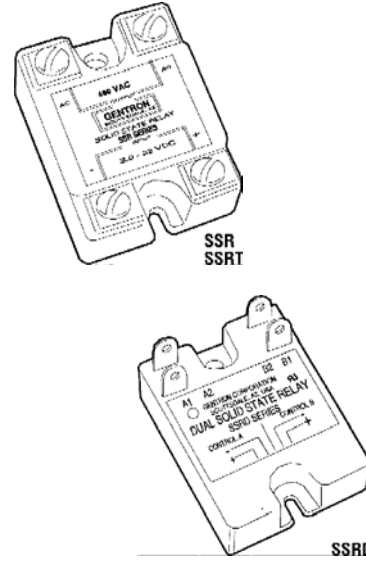
Teledyne's solid state relays are designed to handle loads from 10 amps to 250 amps and voltage as high as 1200 volts in standard industry package. Many of the recent developments in superconductor technology such as MOSFETS, IGBTs, and other types of newer devices, offer some interesting choices and performance advantages. Some of the vast advantages are

selective on and off control, reduced RFI, alterable switching slopes, reduced off state leakage, higher immunity to false triggering, latch free operation, absolute zero cross firing (with options to switch on voltage or current for either on or off switching) and PWM availability.

**SSR and SSRT Series Solid State Relays — Single, Dual or Quad Output**

- ▶ Up to 125 A
- ▶ Optically Isolated
- ▶ Industry Standard (Hockey Puck Package)
- ▶ Zero Voltage or Random Turn-On

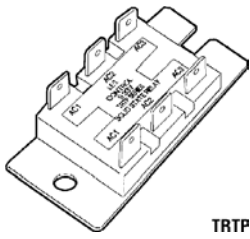
- ▶ Dimensions (L x W x H): SSR, SSRT — 1.75" x 2.25" x 0.75"; SSRD — 1.75" x 2.25" x 0.793"
- ▶ UL, ULC, CE, VDE
- ▶ No Leads



| Stock No. | Mfr.'s Type    | VAC    | Current | Single Cycle Surge Current | EACH  |
|-----------|----------------|--------|---------|----------------------------|-------|
| 601-0046  | SSR1200480A125 | 48-530 | 125     | 1400                       | 63.90 |
| 601-0040  | SSR1200480A55  | 48-530 | 55      | 600                        | 39.99 |
| 601-0044  | SSR1200480A90  | 48-530 | 90      | 1000                       | 61.50 |
| 601-0058  | SSR1200480D125 | 48-530 | 125     | 1400                       | 58.48 |
| 601-0048  | SSR1200480D25  | 48-530 | 25      | 250                        | 36.84 |
| 601-0050  | SSR1200480D40  | 48-530 | 40      | 400                        | 39.27 |
| 601-0052  | SSR1200480D55  | 48-530 | 55      | 600                        | 40.00 |
| 601-0070  | SSR1200480R125 | 48-530 | 125     | 1400                       | 59.92 |
| 601-0062  | SSR1200480R40  | 48-530 | 40      | 400                        | 36.60 |
| 601-0010  | SSR600240A125  | 24-330 | 125     | 250                        | 59.13 |
| 601-0004  | SSR600240A55   | 24-330 | 55      | 800                        | 44.43 |
| 601-0022  | SSR600240D125  | 24-330 | 125     | 250                        | 57.56 |
| 601-0012  | SSR600240D25   | 24-330 | 25      | 400                        | 30.12 |
| 601-0014  | SSR600240D40   | 24-330 | 40      | 600                        | 30.24 |
| 601-0016  | SSR600240D55   | 24-330 | 55      | 800                        | 27.49 |
| 601-0020  | SSR600240D90   | 24-330 | 90      | 1400                       | 56.25 |
| 601-0034  | SSR600240R125  | 24-330 | 125     | 250                        | 57.88 |
| 601-0028  | SSR600240R55   | 24-330 | 55      | 800                        | 30.36 |
| 601-0136  | SSRD600240D25  | 24-330 | 25      | 250                        | 37.76 |
| 601-0137  | SSRD600240D40  | 24-330 | 40      | 400                        | 42.44 |
| 601-0139  | SSRD600240R40  | 24-330 | 40      | 400                        | 40.50 |
| 601-0231  | SSRT600240D25  | 24-330 | 25      | 250                        | 18.65 |
| 601-0235  | SSRT600240A25  | 24-330 | 25      | 250                        | 21.00 |
| 601-0236  | SSRT600240A10  | 24-330 | 10      | 100                        | 22.77 |

**TRTP Series AC Solid State Relays — Three Phase Output**

- ▶ High Power Three Phase Switching in a Space Saving Package
- ▶ Zero Voltage or Random Turn-On
- ▶ Control Status Indicator
- ▶ Dimensions (L x W x H): 2.5" x 1.25" x 0.6"
- ▶ UL, ULC, CE
- ▶ No Leads

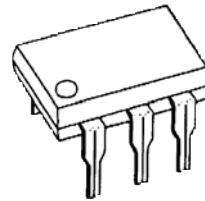


| Stock No. | Mfr.'s Type    | VAC    | Current | Single Cycle Surge Current | EACH  |
|-----------|----------------|--------|---------|----------------------------|-------|
| 601-0153  | TRTP1200480A55 | 48-530 | 55      | 600                        | 95.90 |
| 601-0154  | TRTP1200480D55 | 48-530 | 55      | 600                        | 87.09 |
| 601-0155  | TRTP600240A55  | 24-330 | 55      | 600                        | 79.08 |
| 601-0156  | TRTP600240D55  | 24-330 | 55      | 600                        | 72.15 |

**C60 Series DC and Bi-Directional Solid State DIP Relays**

- ▶ Low On-State Resistance
- ▶ Up to 2.5 A Output
- ▶ Optically Isolated
- ▶ Through Hole or Surface Mount Configurations

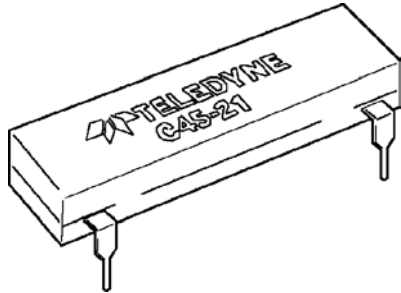
| Stock No. | Mfr.'s Type | Input Control Rating | Output Load Rating |         | Mounting     | EACH  |
|-----------|-------------|----------------------|--------------------|---------|--------------|-------|
|           |             |                      | Voltage            | Current |              |       |
| 281-6010  | C60-10      | 10mA @ 1.5 VDC       | 60 VDC             | 2.0 ADC | Through Hole | 14.65 |
| 281-6012  | C60-20      | 10mA @ 1.5 VDC       | 100 VDC            | 1.5 ADC | Through Hole | 14.31 |
| 281-6013  | C60-30      | 10mA @ 1.5 VDC       | 200 VDC            | 0.8 ADC | Through Hole | 14.31 |
| 281-6014  | C60-40      | 10mA @ 1.5 VDC       | 400 VDC            | 0.5 ADC | Through Hole | 14.65 |
| 281-6011  | SC60-10     | 10mA @ 1.5 VDC       | 60 VDC             | 2.0 ADC | Surface      | 15.15 |



For AC or bi-directional operation, the output load current is 1/2 of the above ratings.

**C45 Series AC Solid State DIP Relays**

- ▶ 400 Hz Switching
- ▶ Zero Cross for Voltage and Current
- ▶ Optical Isolation
- ▶ UL and ULC Registered



| Stock No. | Mfr.'s Type | Control Voltage Rating | Input Control Current | Load Current Amps | Load Voltage     |                  | EACH |
|-----------|-------------|------------------------|-----------------------|-------------------|------------------|------------------|------|
|           |             |                        |                       |                   | Continuous (RMS) | Transient (Peak) |      |
| 281-1001  | C45-11      | 1.5 VDC                | 5 mA                  | 1.0               | 280              | 400              | 9.09 |
| 281-1002  | C45-12      | 1.5 VDC                | 10 mA                 | 1.0               | 280              | 400              | 9.09 |
| 281-1003  | C45-13      | 3.5 VDC                | 10 mA                 | 1.0               | 280              | 400              | 9.09 |
| 281-1004  | C45-21      | 1.5 VDC                | 5 mA                  | 1.0               | 280              | 500              | 9.09 |
| 281-1005  | C45-22      | 1.5 VDC                | 10 mA                 | 1.0               | 280              | 500              | 9.09 |
| 281-1006  | C45-23      | 3.5 VDC                | 10 mA                 | 1.0               | 280              | 500              | 9.09 |