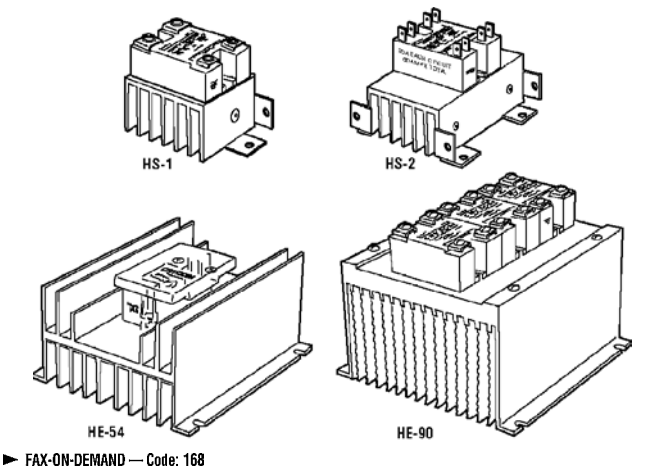


For Complete Product Specifications

► FAX-ON-DEMAND , Call 888-267-9188 for Instant Specs on Your FAX

► www.crydom.com — View and Download Specifications

Heat Sinks for Panel Mount SSRs

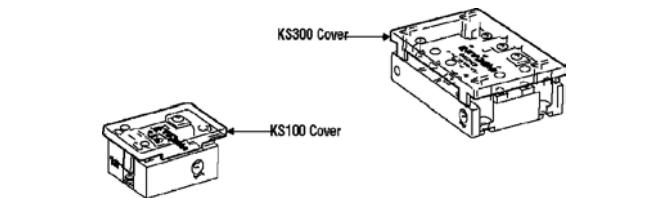


► FAX-ON-DEMAND — Code: 168

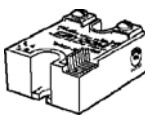
| Stock No. | Mfr.'s Type | Usage Rating (Max.) | EACH  |
|-----------|-------------|---------------------|-------|
| 682-0063  | HS-1        | 10 A                | 16.77 |
| 682-0064  | HS-2        | 25 A                | 18.11 |
| 682-0065  | HE-54       | 50 A                | 26.31 |
| 682-2392  | HE-90*      | 90 A                | 74.04 |

\*HE-90 is suitable for up to three Series 1 type SSRs, or one Series 53TP, 3-Phase SSR.

SSR Protective Covers for Panel Mount SSRs



682-1050. KS100. Cover for Series 1 Type SSR Package.....EACH 3.41  
682-1051. KS300. Cover for Series 53TP, Three-Phase SSR Package.....EACH 5.17



**AC Series SMR**  
25-90 Amp; 120/240 VAC; AC Output  
► System Monitoring SSR  
► Alarm Output, LED Status Indicators  
► UL, CSA, VDE Approved  
► FAX-ON-DEMAND — Code: 154

The SMR Series of system monitoring relays offer the user a number of fault condition alarms. Loss of voltage, open circuit load, damaged relay output and loss of DC supply current are constantly monitored by this unique solid state relay. Operating Temperature Range: -30°C to 80°C. Isolation Voltage (Vrms): 4000.

| Stock No. | Mfr.'s Type | Line Voltage Range (VAC) | Load Current Range (Arms) | Control Voltage Range (VDC) | Surge Current 1-Cycle (Apk) | EACH  |
|-----------|-------------|--------------------------|---------------------------|-----------------------------|-----------------------------|-------|
| 682-8101  | SMR2425     | 48-280                   | 0.04-25                   | 8-32                        | 250                         | 46.97 |
| 682-8102  | SMR2450     | 48-280                   | 0.04-50                   | 8-32                        | 625                         | 51.80 |
| 682-8103  | SMR2490     | 48-280                   | 0.04-90                   | 8-32                        | 1200                        | 77.28 |

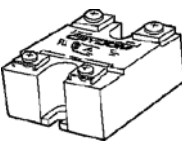
AC Series 3

3 Amp; 120,240 VAC; AC Output

- Compact for High Density PCB Mount
- Small Footprint
- UL, CSA, VDE Approved
- FAX-ON-DEMAND — Code: 117

The Series 3 is available with (S30 types) or without snubber network (S3 types) They are an ideal replacement for reed relays in microprocessor logic level systems. Operating Temperature Range: -30°C to 80°C. Isolation Voltage (Vrms): 4000.

| Stock No. | Mfr.'s Type | Line Voltage Range (VAC) | Load Current Range (Arms) | Control Voltage Range (VDC) | Surge Current 10 mS (Apk) | EACH  |
|-----------|-------------|--------------------------|---------------------------|-----------------------------|---------------------------|-------|
| 682-0108  | S312        | 20-140                   | 0.15-3.0                  | 3.5-8                       | 55                        | 24.77 |
| 682-0109  | S3012A      | 20-140                   | 0.15-3.0                  | 3.5-8                       | 55                        | 23.61 |
| 682-0111  | S322        | 40-280                   | 0.15-3.0                  | 3.5-8                       | 55                        | 23.38 |
| 682-0112  | S3022A      | 40-280                   | 0.15-3.0                  | 3.5-8                       | 55                        | 25.73 |



**AC Series NTD**  
10-25 Amp; 240 VAC; AC Output  
► TRIAC Output  
► Low Cost, Industry Standard Package  
► UL, CSA Approved  
► FAX-ON-DEMAND — Code: 176

The Series CT offers a TRIAC switch output with internal snubber, zero-voltage switching and a broadened operating range (24-280 VAC). This wide range permits optimum performance at both 120 VAC and 240 VAC line voltages. Operating Temperature Range: -40°C to 80°C. Isolation Voltage (Vrms): 4000.

| Stock No. | Mfr.'s Type | Line Voltage Range (VAC) | Load Current Range (Arms) | Control Voltage Range (VDC) | Surge Current 1-Cycle (Apk) | EACH  |
|-----------|-------------|--------------------------|---------------------------|-----------------------------|-----------------------------|-------|
| 682-4310  | NTD2410     | 24-280                   | 0.15-10                   | 3-32                        | 100                         | 19.57 |
| 682-4325  | NTD2425     | 24-280                   | 0.15-25                   | 3-32                        | 250                         | 21.73 |

CKRD/CKRA Series Relays

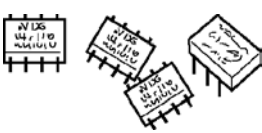
The CKRD and CKRA series relays come in the industry standard 22.5 mm wide package. Featuring status indicating LED, DIN rail or panel mount, and "fingerproof" easy to use input and output cage type terminals, all models include integral factory-installed heatsink. Standard models feature zero-cross switching. Options include random turn-on switching (R suffix) and internal transient voltage protections (P suffix). CKRD models have a 4.5-32 VDC control. CKRA models have a 90-280 VAC control and are also available with a 24 VAC control (E suffix). UL, CSA and VDE approved.

| Stock No. | Mfr.'s Type* | Load Current (Arms) | One-Cycle Surge (Apk) | EACH  |       |       |       |
|-----------|--------------|---------------------|-----------------------|-------|-------|-------|-------|
|           |              |                     |                       | 1-9   | 10-24 | 25-49 | 50-99 |
| 682-5000  | CKRD2410     | 0.15-10             | 120                   | 34.36 | 33.04 | 31.15 | 29.26 |
| 682-5001  | CKRD2410P    | 0.15-10             | 120                   | 35.73 | 34.35 | 32.39 | 30.43 |
| 682-5002  | CKRD2420     | 0.15-20             | 250                   | 36.78 | 35.37 | 33.35 | 31.33 |
| 682-5003  | CKRD2420P    | 0.15-20             | 250                   | 38.15 | 36.68 | 34.58 | 32.49 |
| 682-5004  | CKRD2430     | 0.15-30             | 625                   | 39.22 | 37.71 | 35.56 | 33.40 |
| 682-5005  | CKRD2430P    | 0.15-30             | 625                   | 40.59 | 39.03 | 36.80 | 34.57 |

|          |           |         |     |       |       |       |       |
|----------|-----------|---------|-----|-------|-------|-------|-------|
| 682-5006 | CKRD4810  | 0.15-10 | 120 | 40.42 | 38.87 | 36.65 | 34.43 |
| 682-5007 | CKRD4810P | 0.15-10 | 120 | 41.79 | 40.18 | 37.88 | 35.59 |
| 682-5008 | CKRD4820  | 0.15-20 | 250 | 43.28 | 41.62 | 39.24 | 36.86 |
| 682-5009 | CKRD4820P | 0.15-20 | 250 | 44.64 | 42.93 | 40.47 | 38.02 |
| 682-5010 | CKRD4830  | 0.15-30 | 625 | 46.14 | 44.36 | 41.83 | 39.29 |
| 682-5011 | CKRD4830P | 0.15-30 | 625 | 47.50 | 45.68 | 43.07 | 40.46 |

|          |           |         |     |       |       |       |       |
|----------|-----------|---------|-----|-------|-------|-------|-------|
| 682-5012 | CKRA2410  | 0.15-10 | 120 | 36.76 | 35.35 | 33.30 | 31.31 |
| 682-5013 | CKRA2410P | 0.15-10 | 120 | 38.13 | 36.66 | 34.57 | 32.47 |
| 682-5014 | CKRA2420  | 0.15-20 | 250 | 44.83 | 43.10 | 40.64 | 38.18 |
| 682-5015 | CKRA2420P | 0.15-20 | 250 | 46.19 | 44.42 | 41.88 | 39.34 |
| 682-5016 | CKRA2430  | 0.15-30 | 625 | 41.97 | 40.36 | 38.05 | 35.74 |
| 682-5017 | CKRA2430P | 0.15-30 | 625 | 44.33 | 41.67 | 39.29 | 36.91 |

|          |           |         |     |       |       |       |       |
|----------|-----------|---------|-----|-------|-------|-------|-------|
| 682-5018 | CKRA4810  | 0.15-10 | 120 | 43.26 | 41.60 | 39.22 | 36.84 |
| 682-5019 | CKRA4810P | 0.15-10 | 120 | 44.63 | 42.91 | 40.46 | 38.01 |
| 682-5020 | CKRA4820  | 0.15-20 | 250 | 46.30 | 44.52 | 41.98 | 39.43 |
| 682-5021 | CKRA4820P | 0.15-20 | 250 | 47.67 | 45.83 | 43.21 | 40.59 |
| 682-5022 | CKRA4830  | 0.15-30 | 625 | 49.38 | 47.48 | 44.76 | 42.05 |
| 682-5023 | CKRA4830P | 0.15-30 | 625 | 50.74 | 48.79 | 46.00 | 43.21 |



**G2 Series Solid State Relays**  
The G2 Series relays are solid-state devices that can be used as an alternative to reed or electromechanical relays. The LED input on these relays is optically coupled to the MOSFET outputs, providing 3750 V I/O isolation. Available in standard thru-hole or low-profile surface mount (ST) configurations. Tape and reel quantities also available; contact your local Allied sales representative. UL recognized, CSA certified, VDE approved.

| Stock No. | Mfr.'s Type | Contact Form | Peak Voltage | Peak Current | EACH |
|-----------|-------------|--------------|--------------|--------------|------|
| 682-5024  | G2-1A02-TT  | 1-A          | 400 V        | 150 mA       | 1.38 |
| 682-5025  | G2-1A03-TT  | 1-A          | 400 V        | 150 mA       | 1.38 |
| 682-5026  | G2-1A05-TT  | 1-A          | 400 V        | 120 mA       | 1.26 |
| 682-5027  | G2-1A06-TT  | 1-A          | 250 V        | 150 mA       | 1.38 |
| 682-5028  | G2-1A07-TT  | 1-A          | 150 V        | 500 mA       | 1.69 |
| 682-5029  | G2-1B01-TT  | 1-B          | 350 V        | 165 mA       | 1.69 |
| 682-5030  | G2-1B02-TT  | 1-B          | 250 V        | 200 mA       | 1.69 |
| 682-5031  | G2-AB01-TT  | 1-A/1-B      | 400 V        | 150 mA       | 2.92 |
| 682-5032  | G2-AB02-TT  | 1-A/1-B      | 250 V        | 200 mA       | 2.92 |
| 682-5033  | G2-2A03-TT  | 2-A          | 15 V         | 250 mA       | 3.46 |
| 682-5034  | G2-DA01-TT  | Dual-A       | 400 V        | 150 mA       | 2.77 |
| 682-5035  | G2-DA02-TT  | Dual-A       | 400 V        | 120 mA       | 2.65 |
| 682-5036  | G2-DA03-TT  | Dual-A       | 400 V        | 180 mA       | 2.77 |
| 682-5037  | G2-DA06-TT  | Dual-A       | 250 V        | 180 mA       | 2.77 |
| 682-5038  | G2-DB01-TT  | Dual-B       | 350 V        | 170 mA       | 3.00 |
| 682-5039  | G2-DB02-TT  | Dual-B       | 250 V        | 200 mA       | 3.00 |