

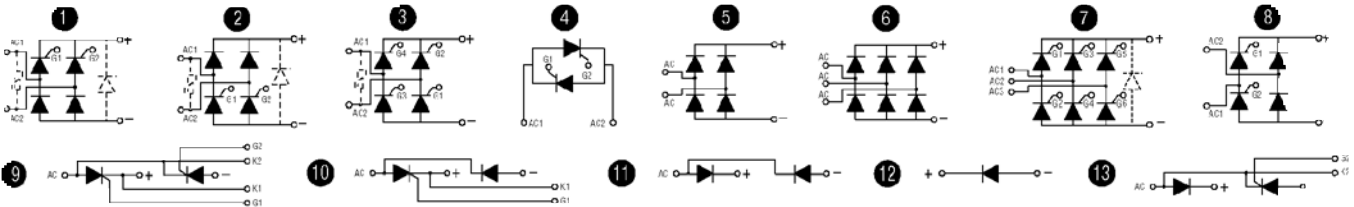
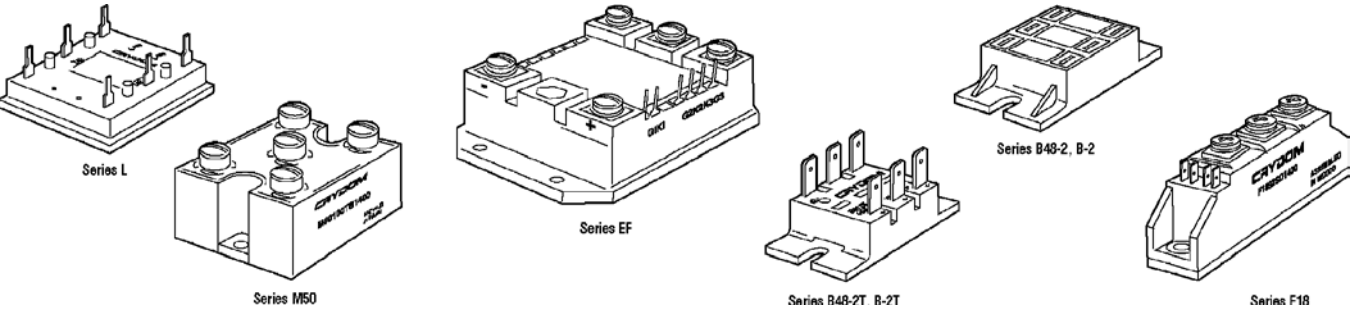
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Power Modules

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Crydom is your single source for all your SCR/diode power module needs. Feature highly effective thermal management for greatly extended cycle life. Choose from a wide selection of ready-to-use circuit configurations, in virtually any package size and power rating. And when you want something special, Crydom can produce custom circuitry to your exacting specifications. Top quality and dependability are assured in Crydom's ISO 9002 certified manufacturing facilities. **Operating Temperature Range:** -30°C to 80°C. **Isolation Voltage (VAC):** 2500.

Series L  
15-42.5 Amp; SCR/Diode Module

► FAX-ON-DEMAND — Code: 226

| PCB Mount |             |      |                |                             |                                             |                                                       |       |
|-----------|-------------|------|----------------|-----------------------------|---------------------------------------------|-------------------------------------------------------|-------|
| Stock No. | Mfr.'s Type | Fig. | Current (Amps) | AC Line Input Voltage (VAC) | Repetitive Peak Reverse (V <sub>RRM</sub> ) | Max. Non-Repetitive Surge Current (I <sub>TSM</sub> ) | EACH  |
| 682-4001  | L312F       | 1    | 15.0           | 240                         | 600                                         | 225                                                   | 19.01 |
| 682-4002  | L512F       | 1    | 25.0           | 240                         | 600                                         | 300                                                   | 20.16 |
| 682-4003  | L514F       | 1    | 25.0           | 480                         | 800                                         | 300                                                   | 25.85 |
| 682-4004  | L542        | 2    | 25.0           | 240                         | 600                                         | 300                                                   | 19.96 |
| 682-4005  | L542        | 3    | 25.0           | 240                         | 600                                         | 300                                                   | 30.51 |
| 682-4006  | L612F       | 1    | 42.5           | 240                         | 600                                         | 600                                                   | 31.24 |
| 682-4007  | L622F       | 2    | 42.5           | 240                         | 600                                         | 600                                                   | 31.24 |

Series M50  
50-100 Amp; SCR/Diode Module

► Over 40 KW Output Capability

► UL Recognized

► FAX-ON-DEMAND — Code: 228, 232

| Panel Mount |              |      |                |                             |                                             |                                                       |       |
|-------------|--------------|------|----------------|-----------------------------|---------------------------------------------|-------------------------------------------------------|-------|
| Stock No.   | Mfr.'s Type  | Fig. | Current (Amps) | AC Line Input Voltage (VAC) | Repetitive Peak Reverse (V <sub>RRM</sub> ) | Max. Non-Repetitive Surge Current (I <sub>TSM</sub> ) | EACH  |
| 682-4009    | M5010045V    | 4    | 100.0          | 480                         | 1200                                        | 1500                                                  | 99.53 |
| 682-4010    | M50100SB1200 | 5    | 100.0          | 480                         | 1200                                        | 1500                                                  | 55.03 |
| 682-4011    | M50100SB600  | 5    | 100.0          | 240                         | 600                                         | 1500                                                  | 49.23 |
| 682-4012    | M50100TB1200 | 6    | 100.0          | 480                         | 1200                                        | 1500                                                  | 68.57 |
| 682-4013    | M50100TB600  | 6    | 100.0          | 240                         | 600                                         | 1500                                                  | 61.03 |
| 682-4014    | M505012F     | 1    | 50.0           | 240                         | 600                                         | 600                                                   | 48.37 |
| 682-4015    | M505012FV*   | 1    | 50.0           | 240                         | 600                                         | 600                                                   | 50.73 |
| 682-4016    | M505015F     | 1    | 50.0           | 480                         | 1200                                        | 600                                                   | 65.18 |
| 682-4017    | M505015FV*   | 1    | 50.0           | 480                         | 1200                                        | 600                                                   | 96.23 |
| 682-4018    | M505032      | 3    | 50.0           | 240                         | 600                                         | 600                                                   | 59.43 |
| 682-4020    | M505042      | 4    | 50.0           | 240                         | 600                                         | 600                                                   | 42.28 |
| 682-4021    | M505045      | 4    | 50.0           | 480                         | 1200                                        | 600                                                   | 57.05 |
| 682-4022    | M5060SB1200  | 5    | 60.0           | 480                         | 1200                                        | 800                                                   | 34.11 |
| 682-4023    | M5060SB600   | 5    | 60.0           | 240                         | 600                                         | 800                                                   | 30.08 |
| 682-4024    | M5060TB1200  | 6    | 60.0           | 480                         | 1200                                        | 800                                                   | 44.15 |
| 682-4025    | M5060TB600   | 6    | 60.0           | 240                         | 600                                         | 800                                                   | 40.18 |
| 682-5080    | M508012F     | 1    | 80.0           | 240                         | 600                                         | 1500                                                  | 68.05 |

\*F = Free-Wheeling Diode; V = External Suppressor.

Series EF  
50-170 Amp; SCR/Diode Module

► Complete Power Control in Single Pack

► UL Recognized

► FAX-ON-DEMAND — Code: 230

| Panel Mount |             |      |                |                             |                                             |                                                       |       |
|-------------|-------------|------|----------------|-----------------------------|---------------------------------------------|-------------------------------------------------------|-------|
| Stock No.   | Mfr.'s Type | Fig. | Current (Amps) | AC Line Input Voltage (VAC) | Repetitive Peak Reverse (V <sub>RRM</sub> ) | Max. Non-Repetitive Surge Current (I <sub>TSM</sub> ) | EACH  |
| 682-4029    | EFE15C      | 6    | 100.0          | 240                         | 600                                         | 600                                                   | 62.44 |
| 682-4030    | EFE16F      | 7    | 100.0          | 480                         | 1200                                        | 600                                                   | 84.76 |
| 682-4031    | EFF01FF     | 1    | 100.0          | 480                         | 1200                                        | 1500                                                  | 95.73 |
| 682-4032    | EFG13C      | 5    | 125.0          | 240                         | 600                                         | 1950                                                  | 61.30 |
| 682-4033    | EFG15F      | 6    | 170.0          | 480                         | 1200                                        | 1950                                                  | 85.50 |

Series B48-2T, B48-2, B-2T, B-2  
25-42.5 Amp; SCR/Diode Module

► UL Recognized

► FAX-ON-DEMAND — Code: 227, 231

| Panel Mount |             |      |                |                             |                                             |                                                       |       |
|-------------|-------------|------|----------------|-----------------------------|---------------------------------------------|-------------------------------------------------------|-------|
| Stock No.   | Mfr.'s Type | Fig. | Current (Amps) | AC Line Input Voltage (VAC) | Repetitive Peak Reverse (V <sub>RRM</sub> ) | Max. Non-Repetitive Surge Current (I <sub>TSM</sub> ) | EACH  |
| 682-4034    | B483C-2     | 5    | 35.0           | 240                         | 600                                         | 600                                                   | 22.41 |
| 682-4035    | B483F-2     | 5    | 35.0           | 480                         | 1200                                        | 600                                                   | 25.59 |
| 682-4036    | B485C-2     | 6    | 35.0           | 240                         | 600                                         | 600                                                   | 25.85 |
| 682-4037    | B485F-2     | 6    | 35.0           | 480                         | 1200                                        | 600                                                   | 31.30 |
| 682-4038    | B512F-2     | 1    | 25.0           | 240                         | 600                                         | 300                                                   | 23.47 |
| 682-4039    | B512F-2T    | 1    | 25.0           | 240                         | 600                                         | 300                                                   | 23.47 |
| 682-4040    | B512FSE-2T  | 1    | 25.0           | 240                         | 600                                         | 300                                                   | 25.07 |
| 682-4041    | B514F-2T    | 1    | 25.0           | 480                         | 1200                                        | 300                                                   | 32.09 |
| 682-4042    | B514FSE-2T  | 1    | 25.0           | 480                         | 1200                                        | 300                                                   | 33.67 |
| 682-4043    | B522F-2T    | 2    | 25.0           | 240                         | 600                                         | 300                                                   | 23.48 |
| 682-4045    | B522FSE-2T  | 2    | 25.0           | 240                         | 600                                         | 300                                                   | 25.06 |
| 682-4047    | B542-2T     | 3    | 25.0           | 240                         | 600                                         | 300                                                   | 32.06 |
| 682-4048    | B552-2T     | 4    | 25.0           | 240                         | 600                                         | 300                                                   | 21.89 |
| 682-4049    | B554-2T     | 4    | 25.0           | 480                         | 1200                                        | 300                                                   | 29.37 |
| 682-4050    | B612F-2T    | 1    | 42.5           | 240                         | 600                                         | 600                                                   | 32.45 |
| 682-5051    | B622F-2T    | 2    | 42.5           | 240                         | 600                                         | 600                                                   | 32.45 |
| 682-5052    | B652-2T     | 4    | 42.5           | 240                         | 600                                         | 600                                                   | 25.06 |

Series F18  
25-90 Amp; SCR/Diode Module

► Industry Standard Package and Circuits

► UL Recognized

► FAX-ON-DEMAND — Code: 229

| Panel Mount |             |      |                |                             |                                             |                                                       |       |
|-------------|-------------|------|----------------|-----------------------------|---------------------------------------------|-------------------------------------------------------|-------|
| Stock No.   | Mfr.'s Type | Fig. | Current (Amps) | AC Line Input Voltage (VAC) | Repetitive Peak Reverse (V <sub>RRM</sub> ) | Max. Non-Repetitive Surge Current (I <sub>TSM</sub> ) | EACH  |
| 682-4053    | F1842SD600  | 9    | 40.0           | 240                         | 600                                         | 1000                                                  | 34.55 |
| 682-4055    | F1857HD600  | 10   | 55.0           | 240                         | 600                                         | 1500                                                  | 35.72 |
| 682-4058    | F1857SD1200 | 9    | 55.0           | 480                         | 1200                                        | 1500                                                  | 43.42 |
| 682-4059    | F1857SD600  | 9    | 55.0           | 240                         | 600                                         | 1500                                                  | 36.91 |
| 682-4060    | F1892D1200  | 12   | 90.0           | 480                         | 1200                                        | 1950                                                  | 36.96 |
| 682-4061    | F1892D600   | 12   | 90.0           | 240                         | 600                                         | 1950                                                  | 31.41 |
| 682-4065    | F1892RD1200 | 11   | 90.0           | 480                         | 1200                                        | 1950                                                  | 48.28 |
| 682-4066    | F1892SD1200 | 9    | 90.0           | 480                         | 1200                                        | 1950                                                  | 72.06 |
| 682-4067    | F1892SD600  | 9    | 90.0           | 240                         | 600                                         | 1950                                                  | 61.26 |