

CRYDOM Power Modules

RoHS Compliant **This product is RoHS compliant.**

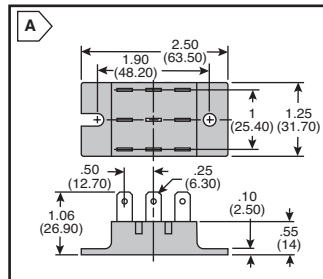
POWER MODULES

Series B48-2T, B48-2: 35-50Amp Diode Modules

Single- and three-phase diode circuits come in a panel mount package that provides 2500 Vrms isolation from the terminals to the ceramic base. Available in ratings up to 1600 Volts, all models are UL recognized (file no. E72445).

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Crydom Part No. | Fig. | Module Type | AC Line Voltage | Max DC Output Current | Repetitive Peak Reverse Voltage | Optional Free Wheeling Diode | Price Each | | |
|------------------|-----------------|------|-------------|-----------------|-----------------------|---------------------------------|------------------------------|------------|-------|-------|
| | | | | | | | | 1 | 10 | 25 |
| 558-B485F-2 | B485F-2 | A | Diode | 480 Vac | 50 Adc | 1200 Vp | No | 35.42 | 32.96 | 30.82 |



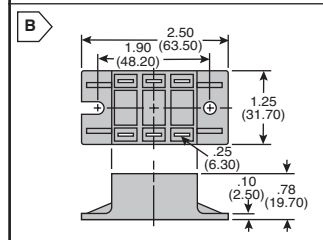
Series B-2T, B-2: 25-42.5Amp SCR/Diode Modules

Modules come in eight standard circuits and are designed to control AC or DC variable voltage output up to 15KW. The package comes with standard .250 quick-connect terminals. All models have 2500 Vrms isolation and are UL recognized (file no. E72445). Optional isolation barriers are available.

*: With external suppressor

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Crydom Part No. | Fig. | Module Type | AC Line Voltage | Max DC Output Current | Repetitive Peak Reverse Voltage | Optional Free Wheeling Diode | Price Each | | |
|------------------|-----------------|------|-------------|-----------------|-----------------------|---------------------------------|------------------------------|------------|-------|-------|
| | | | | | | | | 1 | 10 | 25 |
| 558-B512F-2 | B512F-2 | B | SCR/Diode | 240 Vac | 25 Adc | 600 Vp | Yes | 31.40 | 29.93 | 28.56 |
| 558-B512F-2T | B512F-2T | B | SCR/Diode | 240 Vac | 25 Adc | 600 Vp | Yes | 31.39 | 29.91 | 29.22 |
| 558-B512FSE-2T | B512FSE-2T | B | SCR/Diode | 240 Vac | 25 Adc | 600 Vp | Yes* | 34.21 | 31.46 | 30.04 |
| 558-B612F-2T | B612F-2T | B | SCR/Diode | 240 Vac | 42.5 Adc | 600 Vp | Yes | 43.40 | 41.38 | 39.48 |

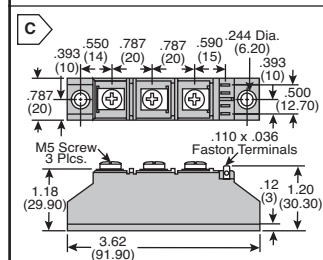


Series F18: 25-105Amp SCR/Diode Modules

Modules come in an industry standard package, offering nine circuits that can be used singly or as power control building blocks. All models feature highly efficient thermal management for greatly extended cycle life and are UL recognized (file no. E72445).

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Crydom Part No. | Fig. | Module Type | AC Line Voltage | Max DC Output Current | Repetitive Peak Reverse Voltage | Optional Free Wheeling Diode | Price Each | | |
|------------------|-----------------|------|-------------|-----------------|-----------------------|---------------------------------|------------------------------|------------|-------|-------|
| | | | | | | | | 1 | 10 | 25 |
| 558-F1892D600 | F1892D600 | C | Diode | 240 Vac | 90 Adc | 600 Vp | No | 31.56 | 29.37 | 27.46 |
| 558-F1892SD1200 | F1892SD1200 | C | SCR | 480 Vac | 90 Adc | 600 Vp | No | 54.72 | 50.92 | 47.62 |

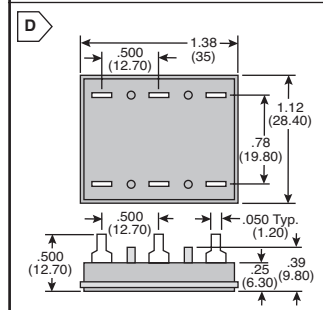


Series L: 14-42.5Amp SCR/Diode Modules

Circuit Modules provide ratings up to 42.5 amps in a low profile package designed for printed circuit board connections. Available in three standard bridge circuits and an AC switch version, all models have 2500 Vrms isolation and are UL recognized (file no. E72445).

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Crydom Part No. | Fig. | Module Type | AC Line Voltage | Max DC Output Current | Repetitive Peak Reverse Voltage | Optional Free Wheeling Diode | Price Each | | |
|------------------|-----------------|------|-------------|-----------------|-----------------------|---------------------------------|------------------------------|------------|-------|-------|
| | | | | | | | | 1 | 10 | 25 |
| 558-L512F | L512F | D | SCR/Diode | 240 Vac | 25 Adc | 600 Vp | Yes | 28.93 | 26.92 | 25.17 |
| 558-L622F | L622F | D | SCR/Diode | 240 Vac | 42.5 Adc | 600 Vp | Yes | 45.32 | 42.17 | 39.43 |

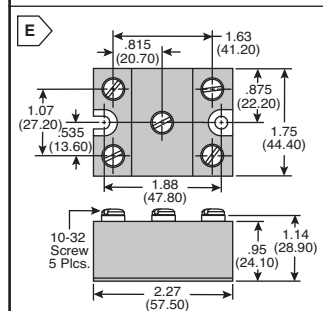


Series M50 Diode: 60-100Amp Diode Modules

Single- and three-phase diode circuits incorporate highly efficient thermal management to provide high surge capability, extended life, and reliable performance. Available in five circuits, all models come in an industry standard package, provide 2500 Vrms from all terminals to the baseplate, and are UL recognized (file no. E72445).

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Crydom Part No. | Fig. | Module Type | AC Line Voltage | Max DC Output Current | Repetitive Peak Reverse Voltage | Optional Free Wheeling Diode | Price Each | | |
|------------------|-----------------|------|-------------|-----------------|-----------------------|---------------------------------|------------------------------|------------|-------|-------|
| | | | | | | | | 1 | 10 | 25 |
| 558-M50100SB1200 | M50100SB1200 | E | Diode | 480 Vac | 100 Adc | 1200 Vp | No | 73.65 | 70.19 | 66.95 |
| 558-M50100SB600 | M50100SB600 | E | Diode | 240 Vac | 100 Adc | 600 Vp | No | 60.52 | 56.72 | 54.18 |
| 558-M50100TB1200 | M50100TB1200 | E | Diode | 480 Vac | 100 Adc | 1200 Vp | No | 86.11 | 82.07 | 78.29 |
| 558-M50100TB600 | M50100TB600 | E | Diode | 240 Vac | 100 Adc | 600 Vp | No | 73.17 | 68.60 | 65.53 |
| 558-M5060SB1200 | M5060SB1200 | E | Diode | 480 Vac | 60 Adc | 1200 Vp | No | 44.10 | 41.35 | 39.50 |
| 558-M5060SB400 | M5060SB400 | E | Diode | 120 Vac | 60 Adc | 400 Vp | No | 38.24 | 35.16 | 33.59 |
| 558-M5060SB600 | M5060SB600 | E | Diode | 240 Vac | 60 Adc | 600 Vp | No | 38.82 | 37.00 | 35.29 |
| 558-M5060TB1400 | M5060TB1400 | E | Diode | 530 Vac | 60 Adc | 1400 Vp | No | 63.27 | 58.17 | 55.57 |
| 558-M5060TB600 | M5060TB600 | E | Diode | 240 Vac | 60 Adc | 600 Vp | No | 50.23 | 47.08 | 44.97 |

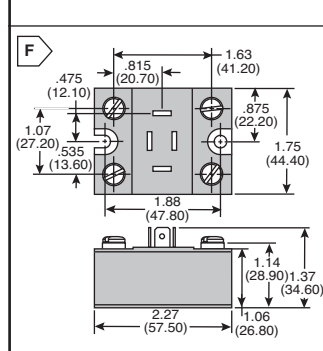


Series M50: 50-100Amp SCR/Diode Modules

The M50 Series modules utilize highly efficient thermal management of provide high surge capability, long lifetime and reliable performance. Available in eight standard circuits, all models come in an industry standard package, provide 2500Vrms from all terminals to the baseplate and are UL recognized (file no. E72445).

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Crydom Part No. | Fig. | Module Type | AC Line Voltage | Max DC Output Current | Repetitive Peak Reverse Voltage | Optional Free Wheeling Diode | Price Each | | |
|------------------|-----------------|------|-------------|-----------------|-----------------------|---------------------------------|------------------------------|------------|-------|-------|
| | | | | | | | | 1 | 10 | 25 |
| 558-M505012F | M505012F | F | SCR/Diode | 240 Vac | 50 Adc | 600 Vp | Yes | 62.57 | 58.66 | 56.03 |
| 558-M505012FV | M505012FV | F | SCR/Diode | 240 Vac | 50 Adc | 600 Vp | Yes | 67.93 | 64.74 | 61.76 |
| 558-M505032 | M505032 | F | SCR | 240 Vac | 50 Adc | 600 Vp | No | 77.15 | 73.51 | 70.14 |



SCR/Diode/Thyristor Modules

Modules come in eight standard circuits and are designed to control AC or DC variable voltage output up to 15KW. The package comes with standard .250 quick-connect terminals. All models have 2500 Vrms isolation and are UL recognized (file no. E72445). Optional isolation barriers are available.

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Crydom Part No. | Fig. | Module Type | AC Line Voltage | Max DC Output Current | Repetitive Peak Reverse Voltage | Optional Free Wheeling Diode | Price Each | | |
|------------------|-----------------|------|-------------|-----------------|-----------------------|---------------------------------|------------------------------|------------|-------|-------|
| | | | | | | | | 1 | 10 | 25 |
| 558-T483C | T483C | B | Diode | 240VAC | 35ADC | 600VP | No | 30.62 | 28.16 | 26.90 |
| 558-T512F | T512F | B | Thyristor | 240VAC | 25ADC | 240VP | Yes | 47.51 | 43.69 | 41.73 |
| 558-T512FS | T512FS | B | Diode | 250VAC | 25ADC | 250VP | No | 44.28 | 41.74 | 38.91 |
| 558-B512F-2-YEC | B512F-2-YEC | B | SCR/Diode | 250VAC | 25ADC | 600VP | Yes | 35.84 | 32.95 | 31.47 |
| 558-M252512F | M252512F | B | SCR/Diode | 240VAC | 25ADC | 600VP | Yes | 33.66 | 32.11 | 30.69 |
| 558-M252512FV | M252512FV | B | SCR/Diode | 250VAC | 25ADC | 600VP | Yes | 34.67 | 33.01 | 32.18 |