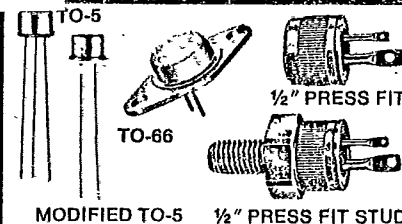


# PIRGO ELECTRONICS

## TRIACS

2.5-25 AMP, 50-600 VOLT

TO-5, MODIFIED TO-5,  
TO-66, 1/2" PRESS FIT,  
1/2" PRESS FIT STUD


- Control up to 5000 watts
- Economy line
- Replacement line

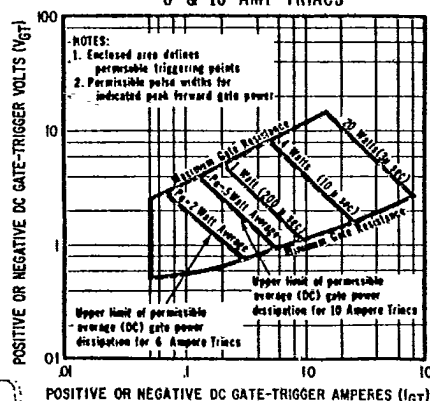
| Type No.  | I <sub>t</sub> (rms) Amp | V <sub>DRM</sub> Volts | I <sub>TSM</sub> Amps | I <sub>GTM</sub> ma | dv/dt Typ. V/μs | Package             | Replacement Type No. | Economy Line Alternate |
|-----------|--------------------------|------------------------|-----------------------|---------------------|-----------------|---------------------|----------------------|------------------------|
| PT40525   | 2.5                      | 100                    | 25                    | 3                   | 5               | TO-5                | 40525                |                        |
| PT40526   | 2.5                      | 200                    | 25                    | 3                   | 5               | TO-5                | 40526                |                        |
| PT40527   | 2.5                      | 400                    | 25                    | 3                   | 5               | TO-5                | 40527                |                        |
| PT40528   | 2.5                      | 100                    | 25                    | 10                  | 10              | TO-5                | 40528                |                        |
| PT40529   | 2.5                      | 200                    | 25                    | 10                  | 10              | TO-5                | 40529                |                        |
| PT40530   | 2.5                      | 400                    | 25                    | 10                  | 10              | TO-5                | 40530                |                        |
| PTSC35F   | 3                        | 50                     | 30                    | 50                  |                 | 1/2" Press Fit Stud | SC35F                |                        |
| PTSC35A   | 3                        | 100                    | 30                    | 50                  |                 | 1/2" Press Fit Stud | SC35A                |                        |
| PTSC35B   | 3                        | 200                    | 30                    | 50                  |                 | 1/2" Press Fit Stud | SC35B                |                        |
| PTSC35D   | 3                        | 400                    | 30                    | 50                  |                 | 1/2" Press Fit Stud | SC35D                |                        |
| PTSC36F   | 3                        | 50                     | 30                    | 50                  |                 | 1/2" Press Fit      | SC36F                |                        |
| PTSC36A   | 3                        | 100                    | 30                    | 30                  |                 | 1/2" Press Fit      | SC36A                |                        |
| PTSC36B   | 3                        | 200                    | 30                    | 50                  |                 | 1/2" Press Fit      | SC36B                |                        |
| PTSC36D   | 3                        | 400                    | 30                    | 50                  |                 | 1/2" Press Fit      | SC36D                |                        |
| PT006*    | 6                        | 50                     | 100                   | 80                  | 30              | 1/2" Press Fit      |                      |                        |
| PT006-5*  | 6                        | 50                     | 100                   | 80                  | 30              | TO-5 Modified       |                      |                        |
| PT006-66* | 6                        | 50                     | 100                   | 80                  | 30              | TO-66               |                      |                        |
| PT006S*   | 6                        | 50                     | 100                   | 80                  | 30              | 1/2" Press Fit Stud |                      |                        |
| PTSC40F   | 6                        | 50                     | 50                    | 50                  |                 | 1/2" Press Fit Stud | SC40F                | PT006S                 |
| PTSC41F   | 6                        | 50                     | 50                    | 50                  |                 | 1/2" Press Fit      | SC41F                | PT006                  |
| PT106*    | 6                        | 100                    | 100                   | 80                  | 30              | 1/2" Press Fit      |                      |                        |
| PT106-5*  | 6                        | 100                    | 100                   | 80                  | 30              | TO-5 Modified       |                      |                        |
| PT106-66* | 6                        | 100                    | 100                   | 80                  | 30              | TO-66               |                      |                        |
| PT106S*   | 6                        | 100                    | 100                   | 80                  | 30              | 1/2" Press Fit Stud |                      |                        |
| PTSC40A   | 6                        | 100                    | 50                    | 50                  |                 | 1/2" Press Fit Stud | SC40A                | PT106S                 |
| PTSC41A   | 6                        | 100                    | 50                    | 50                  |                 | 1/2" Press Fit      | SC41A                | PT106                  |
| PT206*    | 6                        | 200                    | 100                   | 80                  | 30              | 1/2" Press Fit      |                      |                        |
| PT206-5*  | 6                        | 200                    | 100                   | 80                  | 30              | TO-5 Modified       |                      |                        |
| PT206-66* | 6                        | 200                    | 100                   | 80                  | 30              | TO-66               |                      |                        |
| PT206S*   | 6                        | 200                    | 100                   | 80                  | 30              | 1/2" Press Fit Stud |                      |                        |
| PTSC40B   | 6                        | 200                    | 50                    | 50                  |                 | 1/2" Press Fit Stud | SC40B                | PT206S                 |
| PTSC41B   | 6                        | 200                    | 50                    | 50                  |                 | 1/2" Press Fit      | SC41B                | PT206                  |
| PT40429   | 6                        | 200                    | 100                   | 40                  | 150             | TO-66               | 40420                | PT206-66               |
| PT40485   | 6                        | 200                    | 100                   | 40                  | 150             | TO-5 Modified       | 40485                | PT206-5                |
| PT406*    | 6                        | 400                    | 100                   | 80                  | 20              | 1/2" Press Fit      |                      |                        |
| PT406-5*  | 6                        | 400                    | 100                   | 80                  | 20              | TO-5 Modified       |                      |                        |
| PT406-66* | 6                        | 400                    | 100                   | 80                  | 20              | TO-66               |                      |                        |
| PT406S*   | 6                        | 400                    | 100                   | 80                  | 20              | 1/2" Press Fit Stud |                      |                        |
| PTSC40D   | 6                        | 400                    | 50                    | 50                  |                 | 1/2" Press Fit Stud | SC40D                | PT406S                 |
| PTSC41D   | 6                        | 400                    | 50                    | 50                  |                 | 1/2" Press Fit Stud | SC41D                | PT406                  |
| PT40430   | 6                        | 400                    | 100                   | 40                  | 100             | TO-66               | 40430                | PT406-66               |
| PT40486   | 6                        | 400                    | 100                   | 40                  | 100             | TO-5 Modified       | 40486                | PT406-5                |
| PT506*    | 6                        | 500                    | 100                   | 80                  | 20              | 1/2" Press Fit      |                      |                        |
| PT506-5*  | 6                        | 500                    | 100                   | 80                  | 20              | TO-5 Modified       |                      |                        |
| PT506-66* | 6                        | 500                    | 100                   | 80                  | 20              | TO-66               |                      |                        |
| PT506S*   | 6                        | 500                    | 100                   | 80                  | 20              | 1/2" Press Fit Stud |                      |                        |
| PTSC40E   | 6                        | 500                    | 50                    | 50                  |                 | 1/2" Press Fit Stud | SC40E                | PT506S                 |
| PTSC41E   | 6                        | 500                    | 50                    | 50                  |                 | 1/2" Press Fit Stud | SC41E                | PT506                  |
| PT606*    | 6                        | 600                    | 100                   | 80                  | 20              | 1/2" Press Fit      |                      |                        |
| PT606-5*  | 6                        | 600                    | 100                   | 80                  | 20              | TO-5 Modified       |                      |                        |
| PT606-66* | 6                        | 600                    | 100                   | 80                  | 20              | TO-66               |                      |                        |
| PT606S*   | 6                        | 600                    | 100                   | 80                  | 20              | 1/2" Press Fit Stud |                      |                        |
| PT010*    | 10                       | 50                     | 100                   | 100                 | 40              | 1/2" Press Fit      |                      |                        |
| PT010S*   | 10                       | 50                     | 100                   | 100                 | 40              | 1/2" Press Fit Stud |                      |                        |

\* Economy Line

PT- - 1x

| Type No. | $I_t$ (rms) Amp | $V_{DROM}$ Volts | $I_{TSM}$ Amps | $I_{GTM}$ ma | $dv/dt$ Typ. V/ $\mu$ s | Package           | Replacement Type No. | Economy Line Alternate |
|----------|-----------------|------------------|----------------|--------------|-------------------------|-------------------|----------------------|------------------------|
| PTSC45F  | 10              | 50               | 80             | 50           |                         | ½" Press Fit Stud | SC45F                | PT010S                 |
| PTSC46F  | 10              | 50               | 80             | 50           |                         | ½" Press Fit      | SC46F                | PT010                  |
| PT110*   | 10              | 100              | 100            | 100          | 40                      | ½" Press Fit      |                      |                        |
| PT110S*  | 10              | 100              | 100            | 100          | 40                      | ½" Press Fit Stud |                      |                        |
| PTSC45A  | 10              | 100              | 80             | 50           |                         | ½" Press Fit Stud | SC45A                | PT110S                 |
| PTSC46A  | 10              | 100              | 80             | 50           |                         | ½" Press Fit      | SC46A                | PT110                  |
| PT210    | 10              | 200              | 100            | 100          | 40                      | ½" Press Fit      |                      |                        |
| PT210S*  | 10              | 200              | 100            | 100          | 40                      | ½" Press Fit Stud |                      |                        |
| PTSC45B  | 10              | 200              | 80             | 50           |                         | ½" Press Fit Stud | SC45B                | PT210S                 |
| PTSC46B  | 10              | 200              | 80             | 50           |                         | ½" Press Fit      | SC46B                | PT210                  |
| PT410    | 10              | 400              | 100            | 100          | 30                      | ½" Press Fit      |                      |                        |
| PT410S*  | 10              | 400              | 100            | 100          | 30                      | ½" Press Fit Stud |                      |                        |
| PTSC45D  | 10              | 400              | 80             | 50           |                         | ½" Press Fit Stud | SC45D                | PT410S                 |
| PTSC46D  | 10              | 400              | 80             | 50           |                         | ½" Press Fit      | SC46D                | PT410                  |
| PT510*   | 10              | 500              | 100            | 100          | 30                      | ½" Press Fit      |                      |                        |
| PT510S*  | 10              | 500              | 100            | 100          | 30                      | ½" Press Fit Stud |                      |                        |
| PTSC45E  | 10              | 500              | 80             | 50           |                         | ½" Press Fit Stud | SC45E                | PT510S                 |
| PTSC46E  | 10              | 500              | 80             | 50           |                         | ½" Press Fit      | SC46E                | PT510                  |
| PT610*   | 10              | 600              | 100            | 100          | 30                      | ½" Press Fit      |                      |                        |
| PT610S*  | 10              | 600              | 100            | 100          | 30                      | ½" Press Fit Stud |                      |                        |
| PT015*   | 15              | 50               | 100            | 100          | 40                      | ½" Press Fit      |                      |                        |
| PT015S*  | 15              | 50               | 100            | 100          | 40                      | ½" Press Fit Stud |                      |                        |
| PTSC50F  | 15              | 50               | 100            | 50           |                         | ½" Press Fit Stud | SC50F                | PT015S                 |
| PTSC51F  | 15              | 50               | 100            | 50           |                         | ½" Press Fit      | SC51F                | PT015                  |
| PT115*   | 15              | 100              | 100            | 100          | 40                      | ½" Press Fit      |                      |                        |
| PT115S*  | 15              | 100              | 100            | 100          | 40                      | ½" Press Fit Stud |                      |                        |
| PTSC50A  | 15              | 100              | 100            | 50           |                         | ½" Press Fit Stud | SC50A                | PT115S                 |
| PTSC51A  | 15              | 100              | 100            | 50           |                         | ½" Press Fit      | SC51A                | PT115                  |
| PT215*   | 15              | 200              | 100            | 100          | 40                      | ½" Press Fit      |                      |                        |
| PT215S*  | 15              | 200              | 100            | 100          | 40                      | ½" Press Fit Stud | SC50B                | PT215S                 |
| PTSC51B  | 15              | 200              | 100            | 50           |                         | ½" Press Fit      | SC51B                | PT215                  |
| PT40575  | 15              | 200              | 100            | 80           | 40                      | TO-66             | 40575                |                        |
| PT415*   | 15              | 400              | 100            | 100          | 30                      | ½" Press Fit      |                      |                        |
| PT415S*  | 15              | 400              | 100            | 100          | 30                      | ½" Press Fit Stud |                      |                        |
| PTSC50D  | 15              | 400              | 100            | 50           |                         | ½" Press Fit Stud | SC50D                | PT415S                 |
| PTSC51D  | 15              | 400              | 100            | 50           |                         | ½" Press Fit      | SC51D                | PT415                  |
| PT40576  | 15              | 400              | 100            | 80           | 40                      | TO-66             | 40576                |                        |
| PT515*   | 15              | 500              | 100            | 100          | 30                      | ½" Press Fit      |                      |                        |
| PT515S*  | 15              | 500              | 100            | 100          | 30                      | ½" Press Fit Stud |                      |                        |
| PTSC50E  | 15              | 500              | 100            | 50           |                         | ½" Press Fit Stud | SC50E                | PT515S                 |
| PTSC51E  | 15              | 500              | 100            | 50           |                         | ½" Press Fit      | SC51E                | PT515                  |
| PT615*   | 15              | 600              | 100            | 100          | 30                      | ½" Press Fit      |                      |                        |
| PT615S*  | 15              | 600              | 100            | 100          | 30                      | ½" Press Fit Stud |                      |                        |
| PT025*   | 25              | 50               | 250            | 100          | 40                      | ½" Press Fit      |                      |                        |
| PT025S*  | 25              | 50               | 250            | 100          | 40                      | ½" Press Fit Stud |                      |                        |
| PT125*   | 25              | 100              | 250            | 100          | 40                      | ½" Press Fit      |                      |                        |
| PT125S*  | 25              | 100              | 250            | 100          | 40                      | ½" Press Fit Stud |                      |                        |
| PT225*   | 25              | 200              | 250            | 100          | 40                      | ½" Press Fit      |                      |                        |
| PT225S*  | 25              | 200              | 250            | 100          | 40                      | ½" Press Fit Stud |                      |                        |
| PT425*   | 25              | 400              | 250            | 100          | 25                      | ½" Press Fit      |                      |                        |
| PT425S*  | 25              | 400              | 250            | 100          | 25                      | ½" Press Fit Stud |                      |                        |

## Economy Line

GATE PULSE CHARACTERISTICS  
6 & 10 AMP TRIACSGATE PULSE CHARACTERISTICS  
15 & 25 AMP TRIACS