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# Triak KT207-600;TESLA;4A;600V; TO220;przewlekany THT



## Dane techniczne:

Nazwa: KT207-600

Typ: Triak

Prąd przewodzenia: 4A

Napięcie wsteczne: 600V

Prąd bramki: 50mA

Obudowa: TO220

Montaż: THT

Producent: TESLA

[www.podzespoly-elektroniczne.pl](http://www.podzespoly-elektroniczne.pl)

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**SYMMETRICAL MULTILAYER SWITCHING DEVICES TRIAC TO 15 A**  
**SYMMETRISCHE SILIZIUM-MEHRSCHICHTDIODEN TRIAC BIS 15 A**

| Type<br>Typ                                            | Maximum ratings • Grenzdaten |           |           |               | $U_{DRM}$ | $I_D^{2)}$<br>$I_{Dmax}$ | at<br>bei | $U_{DRM}$ | $I_{GTmax}$ | $U_{GTmax}$ | $I_{Hmax}$ | $I_{Lmax}$ | Case<br>Gehäuse |
|--------------------------------------------------------|------------------------------|-----------|-----------|---------------|-----------|--------------------------|-----------|-----------|-------------|-------------|------------|------------|-----------------|
|                                                        | $I_{TAV}^{1)}$               | $I_{TSM}$ | $U_{DRM}$ | $\vartheta_c$ | V         | mA                       |           | V         | mA          | V           | mA         | mA         |                 |
|                                                        | A                            | A         | V         | °C            | V         | mA                       |           | V         | mA          | V           | mA         | mA         |                 |
| <b>TRIACS IN PLASTIC CASE • TRIACS IN PLASTGEHÄUSE</b> |                              |           |           |               |           |                          |           |           |             |             |            |            |                 |
| KT205/200                                              | 3                            | 25        | 200       | 100           | 200       | 1,0                      |           | 200       | 40          | 3           | 30         | 180        | Tr6             |
| KT205/400                                              | 3                            | 25        | 400       | 100           | 400       | 1,0                      |           | 400       | 40          | 3           | 30         | 180        | Tr6             |
| KT205/600                                              | 3                            | 25        | 600       | 100           | 600       | 1,0                      |           | 600       | 40          | 3           | 30         | 180        | Tr6             |
| KT207/200                                              | 5                            | 35        | 200       | 100           | 200       | 1,0                      |           | 200       | 80          | 3           | 50         | 240        | Tr6             |
| KT207/400                                              | 5                            | 35        | 400       | 100           | 400       | 1,0                      |           | 400       | 80          | 3           | 50         | 240        | Tr6             |
| KT207/600                                              | 5                            | 35        | 600       | 100           | 600       | 1,0                      |           | 600       | 80          | 3           | 50         | 240        | Tr6             |
| <b>TRIACS IN METAL CASE • TRIACS IN METALLGEHÄUSE</b>  |                              |           |           |               |           |                          |           |           |             |             |            |            |                 |
| KT772                                                  | 6                            | 40        | 200       | 100           | 200       | 1,0                      |           | 200       | 80          | 3           | 50         | 240        | Tr4             |
| KT773                                                  | 6                            | 40        | 400       | 100           | 400       | 1,0                      |           | 400       | 80          | 3           | 50         | 240        | Tr4             |
| KT774                                                  | 6                            | 40        | 600       | 100           | 600       | 1,0                      |           | 600       | 80          | 3           | 50         | 240        | Tr4             |
| KT730/700                                              | 6                            | 40        | 700       | 100           | 700       | 1,0                      |           | 700       | 80          | 3           | 50         | 240        | Tr4             |
| KT730/800                                              | 6                            | 40        | 800       | 100           | 800       | 1,0                      |           | 800       | 80          | 3           | 50         | 240        | Tr4             |
| KT730/900                                              | 6                            | 40        | 900       | 100           | 900       | 1,0                      |           | 900       | 80          | 3           | 50         | 240        | Tr4             |
| KT782                                                  | 10                           | 60        | 200       | 100           | 200       | 1,0                      |           | 200       | 80          | 3           | 50         | 240        | Tr4             |
| KT783                                                  | 10                           | 60        | 400       | 100           | 400       | 1,0                      |           | 400       | 80          | 3           | 50         | 240        | Tr4             |
| KT784                                                  | 10                           | 60        | 600       | 100           | 600       | 1,0                      |           | 600       | 80          | 3           | 50         | 240        | Tr4             |
| KT729/700                                              | 10                           | 60        | 700       | 100           | 700       | 1,0                      |           | 700       | 80          | 3           | 50         | 240        | Tr4             |
| KT729/800                                              | 10                           | 60        | 800       | 100           | 800       | 1,0                      |           | 800       | 80          | 3           | 50         | 240        | Tr4             |
| KT729/900                                              | 10                           | 60        | 900       | 100           | 900       | 1,0                      |           | 900       | 80          | 3           | 50         | 240        | Tr4             |
| KT728/400                                              | 15                           | 85        | 400       | 100           | 400       | 2,0                      |           | 400       | 100         | 2,5         | 75         |            | Tr5             |
| KT728/600                                              | 15                           | 85        | 600       | 100           | 600       | 2,0                      |           | 600       | 100         | 2,5         | 75         |            | Tr5             |
| KT728/800                                              | 15                           | 85        | 800       | 100           | 800       | 2,0                      |           | 800       | 100         | 2,5         | 75         |            | Tr5             |

1)  $\vartheta_c = 70^\circ\text{C}$

2)  $\vartheta_c = 100^\circ\text{C}$

**HIGH SPEED THYRISTORS**  
**SCHNELLE THYRISTOREN**

| Type<br>Typ                                                                   | Maximum ratings • Grenzdaten |           |           |           |           | $U_{(BO)}$<br>$U_{min}$ | $I_D$<br>$I_{Dmax}$ | at<br>bei | $U_D$ | $I_H$<br>$I_{Hmax}$ | $I_{GTmax}$ | $U_T$<br>$U_{Tmax}$ | $t_q$<br>$t_{qmax}$ | Case<br>Gehäuse |
|-------------------------------------------------------------------------------|------------------------------|-----------|-----------|-----------|-----------|-------------------------|---------------------|-----------|-------|---------------------|-------------|---------------------|---------------------|-----------------|
|                                                                               | $I_{TAV}$                    | $I_{TRM}$ | $I_{TSM}$ | $U_{DRM}$ | $U_{RRM}$ | V                       | mA                  |           | V     | mA                  | mA          | V                   | $\mu\text{s}$       |                 |
|                                                                               | A                            | A         | A         | V         | V         | V                       | mA                  |           | V     | mA                  | mA          | V                   | $\mu\text{s}$       |                 |
| <b>FOR TV-LINE DEFLECTION CIRCUITS • FÜR FS-HORIZONTAL-ABLENKSCHALTUNGEN</b>  |                              |           |           |           |           |                         |                     |           |       |                     |             |                     |                     |                 |
| KT119A                                                                        | 3,2                          | 30        | 50        | 750       | —         | 800                     | 1,5                 |           | 750   | 100                 | 40          | 2,5                 | 3,0                 | Tr9             |
| KT120A                                                                        | 3,2                          | 30        | 50        | 750       | —         | 800                     | 1,5                 |           | 750   | 100                 | 40          | 2,5                 | 5,0                 | Tr9             |
| <b>FOR SWITCHING AND CONTROL CIRCUITS • FÜR SCHALT- UND STEUERSCHALTUNGEN</b> |                              |           |           |           |           |                         |                     |           |       |                     |             |                     |                     |                 |
| KT120/500                                                                     | 3,2                          | 30        | 50        | 500       | —         | 550                     | 1,5                 |           | 500   | 100                 | 40          | 3,0                 | 30                  | Tr9             |
| <b>FOR POWER SUPPLY • FÜR NETZGERÄTE</b>                                      |                              |           |           |           |           |                         |                     |           |       |                     |             |                     |                     |                 |
| KT110                                                                         | 3,2                          | 30        | 50        | 750       | 750       |                         | 1,5                 |           | 750   | 50                  | 40          | 3,0                 | 40                  | Tr9             |
| KT110/200                                                                     | 3,2                          | 30        | 50        | 200       | 200       |                         | 1,5                 |           | 200   | 50                  | 40          | 3,0                 | 40                  | Tr9             |
| KT110/400                                                                     | 3,2                          | 30        | 50        | 400       | 400       |                         | 1,5                 |           | 400   | 50                  | 40          | 3,0                 | 40                  | Tr9             |
| KT110/600                                                                     | 3,2                          | 30        | 50        | 600       | 600       |                         | 1,5                 |           | 600   | 50                  | 40          | 3,0                 | 40                  | Tr9             |