

TRIACS

— Stud Type and Disc Type



— Stud Type

| Model | V _{DRM} V _{RRM} V | I _{T(AV)} @T _c = 85°C A | V _{TM} | | I _{GT} mA | V _{GT} V | I _{DRM} I _{RRM} mA | I _H mA | I _{TSM} @10 ms A | dv/dt V/μs | di/dt A/μs | dv/dt(c) V/μs | R _{thjc} °C/W | Outline | | |
|-------|---|--|-----------------|-----------------------|-----------------------|----------------------|--|----------------------|------------------------------------|---------------|---------------|------------------|---------------------------|---------|-----|----|
| | | | V | @I _{TM} A | | | | | | | | | | | | |
| KS5 | 600 ~ 1600 | 5 | ≤ 2.0 | 15 | ≤ 70 | ≤ 2.0 | ≤ 5 | ≤ 60 | 40 | ≥ 100 | ≥ 50 | 3~10 | 2.5 | T1 | | |
| KS10 | | 10 | | 30 | ≤ 100 | | | | ≤ 8 | | | | ≤ 100 | 80 | 1.0 | T2 |
| KS20 | | 20 | | 60 | ≤ 100 | | | | | | | | | 160 | 0.4 | T2 |
| KS50 | | 50 | | 150 | ≤ 150 | ≤ 20 | ≤ 100 | 400 | 0.2 | | | | T3 | | | |
| KS100 | | 100 | | 150 | ≤ 150 | | | 800 | 0.15 | | | | T3 | | | |



— Disc Type

| Model | V _{DRM} V _{RRM} V | I _{T(AV)} @T _c =85 °C A | V _{TM} | | I _{GT} mA | V _{GT} V | I _{DRM} I _{RRM} mA | I _{TSM} @10 ms A | dv/dt V/μs | dv/dt(c) V/μs | R _{thjc} °C/W | Outline |
|--------|---|--|-----------------|-----------------------|-----------------------|----------------------|--|------------------------------------|---------------|------------------|---------------------------|---------|
| | | | V | @I _{TM} A | | | | | | | | |
| KS200 | 100~ 1800 | 200 | ≤ 2.4 | 600 | ≤ 350 | ≤ 3.5 | ≤ 25 | 1.7 | ≥ 50 | ≥ 4 | 0.120 | T6 |
| KS300 | | 300 | | 900 | | | ≤ 30 | 2.5 | | | 0.055 | T7 |
| KS500 | | 500 | | 1500 | ≤ 30 | 4.0 | 0.043 | T9 | | | | |
| KS800 | | 800 | | 2400 | ≤ 50 | 6.8 | 0.027 | T11 | | | | |
| KS1000 | | 1000 | | 3000 | ≤ 50 | 8.5 | | | | | | |