

# SSR

SSR      Parameters Symbol Parameter value Units Rated on-state current I<sub>o</sub> 2 5 10 60 80 100 120 150 200 250      Input parameter Control voltage V<sub>c</sub> 3-32 V Input c...



| Category    | Sensor                                     |
|-------------|--------------------------------------------|
| Standard    | ISO                                        |
| Certificate | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS |

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

| Category | Sensor                               | Model / SKU | SSR                                        |
|----------|--------------------------------------|-------------|--------------------------------------------|
| Standard | ISO                                  | Certificate | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS |
| Warranty | 12 Months unless specified otherwise | Origin      | China                                      |

## SSR

| Parameters             | Symb ol        | Parameter value |   |    |    |    |     |     |     |     |     | Units |
|------------------------|----------------|-----------------|---|----|----|----|-----|-----|-----|-----|-----|-------|
| Rated on-state current | I <sub>o</sub> | 2               | 5 | 10 | 60 | 80 | 100 | 120 | 150 | 200 | 250 |       |
| Input parameter        |                |                 |   |    |    |    |     |     |     |     |     |       |
| Control voltage        | V <sub>c</sub> | 3-32            |   |    |    |    |     |     |     |     |     | V     |

|                   |         |         |     |     |     |     |      |      |      |      |      |        |
|-------------------|---------|---------|-----|-----|-----|-----|------|------|------|------|------|--------|
| Input current     | Ic      | 5-17    |     |     |     |     |      |      |      |      |      | mA     |
| Open voltage      | Von     | 3       |     |     |     |     |      |      |      |      |      | V      |
| Turn-off voltage  | Voff    | 1       |     |     |     |     |      |      |      |      |      | V      |
| Output parameter  |         |         |     |     |     |     |      |      |      |      |      |        |
| Off state voltage | Ve      | 40-480  |     |     |     |     |      |      |      |      |      | V      |
| Surge current     | ITSM    | 46      | 80  | 100 | 600 | 800 | 1000 | 1200 | 2000 | 2500 | 3400 | A      |
| On state voltage  | VTM     | 1.2     | 1.6 | 1.6 | 1.8 | 1.8 | 1.8  | 1.8  | 1.8  | 2    | 2    | V      |
| Off state current | ID(RMS) | 5       | 8   | 8   | 10  | 10  | 10   | 10   | 10   | 12   | 12   | mA     |
| Open Time         | Ton     | 0.5     |     |     |     |     |      |      |      |      |      | s      |
| Turn-off time     | Toff    | 0.5     |     |     |     |     |      |      |      |      |      | s      |
| dv/dt             | dv/dt   | 50      | 75  | 200 | 500 | 500 | 500  | 500  | 500  | 500  | 500  | V/μsec |
| Other parameter   |         |         |     |     |     |     |      |      |      |      |      |        |
| Isolation voltage | VISO    | 2500    |     |     |     |     |      |      |      |      |      | V      |
| Frequency range   | f       | 47-63   |     |     |     |     |      |      |      |      |      | HZ     |
| Use Temperature   | TJ      | -30~+80 |     |     |     |     |      |      |      |      |      | ℃      |