

SSS RELAIS 5V/24V 0,1ADC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com



Similar to illustration

Individual relays for TERMSERIES

- Solid-state relays
- Different output versions

General ordering data

| | |
|------------|--|
| Version | TERMSERIES, Solid-state relay, Rated control voltage: 2.5 V DC...5 V DC...6 V DC , Rated switching voltage: 0...48 V DC, Continuous current: 0.1 A, Plug-in connection |
| Order No. | 4064320000 |
| Type | SSS RELAIS 5V/24V 0,1ADC |
| GTIN (EAN) | 4032248365531 |
| Qty. | 20 items |

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Technical data

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Dimensions and weights

| | | | |
|------------|--------|-----------------|-------------|
| Depth | 15 mm | Depth (inches) | 0.5906 inch |
| Height | 28 mm | Height (inches) | 1.1024 inch |
| Width | 5 mm | Width (inches) | 0.1968 inch |
| Net weight | 3.29 g | | |

Temperatures

| | | | |
|-----------------------|----------------|---------------------|--|
| Storage temperature | -40 °C...70 °C | Ambient temperature | -20 °C...60 °C |
| Operating temperature | | Humidity | 40 °C / 93 % rel. humidity, no condensation |

Probability of failure

| | |
|------|--------|
| MTTF | 4491 a |
|------|--------|

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Control side

| | | | |
|-------------------------|----------------------------|---------------------------------------|----------------------------|
| Rated control voltage | 2.5 V DC...5 V DC...6 V DC | Rated control voltage (control input) | 2.5 V DC...5 V DC...6 V DC |
| Nominal control current | 4.1 mA DC (±10%) | Power rating | 20 mW |
| Status indicator | No | | |

Load side

| | | | |
|-------------------------|-----------------------------------|-------------------------------|---------------------|
| Rated switching voltage | 0...48 V DC | Continuous current | 0.1 A |
| Rated switching current | 100 mA/ DC | Switch-on delay | <35 µs |
| Switch-off delay | <355 µs | Voltage drop at max. load | ≤ 1 V |
| Leakage current | <10 µA | Min. switching current | 500 µA |
| Short-circuit-proof | No | Protective circuit, load side | Free-wheeling diode |
| Contact type | 1 NO contact (Bipolar transistor) | | |

General data

| | |
|--------|-------|
| Colour | black |
|--------|-------|

Insulation coordination

| | | | |
|---|----------|--|-----------|
| Clearance and creepage distances for control side - load side | ≥ 5.5 mm | Dielectric strength for control side - load side | 2.5 kVeff |
|---|----------|--|-----------|

Connection data

| | |
|------------------------|--------------------|
| Wire connection method | Plug-in connection |
|------------------------|--------------------|

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Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC001504 | ETIM 9.0 | EC001504 |
| ETIM 10.0 | EC001504 | ECLASS 14.0 | 27-37-16-04 |
| ECLASS 15.0 | 27-37-16-04 | | |

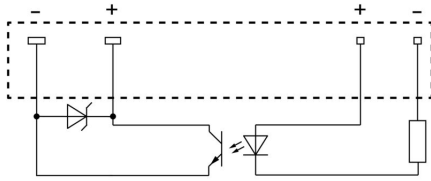
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Drawings

Wiring diagram



View of pins from below

Dimensional drawing

