

**SSS RELAIS 24V/24V 2ADC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Individual relays for TERMSERIES

- Solid-state relays
- Different output versions

**General ordering data**

|            |                                                                                                                                                                       |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | TERMSERIES, Solid-state relay, Rated control voltage: 18 V DC...24 V DC...30 V DC , Rated switching voltage: 3...33 V DC, Continuous current: 2 A, Plug-in connection |
| Order No.  | <a href="#">4061190000</a>                                                                                                                                            |
| Type       | SSS RELAIS 24V/24V 2ADC                                                                                                                                               |
| GTIN (EAN) | 4032248415083                                                                                                                                                         |
| Qty.       | 20 pc(s).                                                                                                                                                             |

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## Technical data

## Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Depth      | 15 mm  | Depth (inches)  | 0.591 inch |
| Height     | 28 mm  | Height (inches) | 1.102 inch |
| Width      | 5 mm   | Width (inches)  | 0.197 inch |
| Net weight | 3.61 g |                 |            |

## Temperatures

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

## Probability of failure

|      |             |
|------|-------------|
| MTTF | 1,116 Jahre |
|------|-------------|

## Control side

|                       |                             |                         |                 |
|-----------------------|-----------------------------|-------------------------|-----------------|
| Rated control voltage | 18 V DC...24 V DC...30 V DC | Nominal control current | 7 mA DC (±10 %) |
| Power rating          | 170 mW                      | Status indicator        | No              |

## Load side

|                               |                     |                     |                        |
|-------------------------------|---------------------|---------------------|------------------------|
| Rated switching voltage       | 3...33 V DC         | Continuous current  | 2 A                    |
| Rated switching current       | 2 A DC              | Inrush current      | 15 A / 10 ms           |
| Switch-on delay               | <55 µs              | Switch-off delay    | <600 µs                |
| Voltage drop at max. load     | ≤ 120 mV            | Leakage current     | <10 µA                 |
| Min. switching current        | 5 mA                | Short-circuit-proof | No                     |
| Protective circuit, load side | Free-wheeling diode | Contact type        | 1 NO contact (MOS-FET) |

## 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 kV <sub>eff</sub> |
|---------------------------------------------------------------|----------|--------------------------------------------------|-----------------------|

## Connection data

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

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001504    | ETIM 7.0    | EC001504    |
| ETIM 8.0    | EC001504    | ETIM 9.0    | EC001504    |
| ETIM 10.0   | EC001504    | ECLASS 9.0  | 27-37-16-04 |
| ECLASS 9.1  | 27-37-16-04 | ECLASS 10.0 | 27-37-16-04 |
| ECLASS 11.0 | 27-37-16-04 | ECLASS 12.0 | 27-37-16-04 |
| ECLASS 13.0 | 27-37-16-04 | ECLASS 14.0 | 27-37-16-04 |
| ECLASS 15.0 | 27-37-16-04 |             |             |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Environmental Product Compliance**

|                        |                       |
|------------------------|-----------------------|
| RoHS Compliance Status | Compliant             |
| REACH SVHC             | No SVHC above 0.1 wt% |

**Approvals**

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

**Downloads**

|                  |                                          |
|------------------|------------------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a>          |
| Catalogues       | <a href="#">Catalogues in PDF-format</a> |
| Brochures        |                                          |

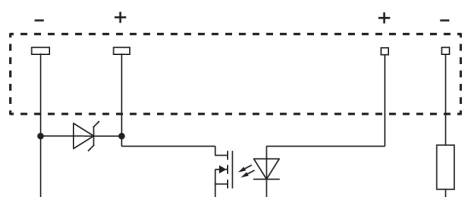
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## Drawings

### Wiring diagram



View of pins from below

### Dimensional drawing

