

TERMSERIES
SSR 10-32VDC/0-35VDC 5A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



Similar to illustration

TERMSERIES accessories include:

- Spare relay
- Base
- Partition plates
- Cross-connections
- Power-feed modules

General ordering data

| | |
|------------|---|
| Type | SSR 10-32VDC/0-35VDC 5A |
| Order No. | 1421450000 |
| Version | TERMSERIES, solid-state relays, 1 NO contact (MOS-FET), Rated control voltage: 10...32 V DC , Rated switching voltage: 0...35 V DC, Continuous current: 5 A, Plug-in connection |
| GTIN (EAN) | 4050118235302 |
| Qty. | 20 pc(s). |

TERMSERIES
SSR 10-32VDC/0-35VDC 5A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data**Dimensions and weights**

| | | | |
|------------|---------|-----------------|------------|
| Width | 12.7 mm | Width (inches) | 0.5 inch |
| Height | 29 mm | Height (inches) | 1.142 inch |
| Depth | 15.7 mm | Depth (inches) | 0.618 inch |
| Net weight | 9.87 g | | |

Temperatures

| | | | |
|-----------------------------|----------------|-----------------------------|-----------------|
| Operating temperature, max. | 80 °C | Operating temperature, min. | -20 °C |
| Storage temperature, max. | 100 °C | Storage temperature, min. | -40 °C |
| Operating temperature | -20 °C...80 °C | Storage temperature | -40 °C...100 °C |

Probability of failure

| | |
|------|-------------|
| MTTF | 1,099 Years |
|------|-------------|

Control side

| | | | |
|--------------------------|-----------------|-------------------------|-----------|
| Rated control voltage | 10...32 V DC | Nominal control current | 3...13 mA |
| Cut-in / dropout voltage | 10 V / 8.5 V DC | Status indicator | No |

Load side

| | | | |
|-------------------------------|---------------------|---------------------------|---------|
| Rated switching voltage | 0...35 V DC | Continuous current | 5 A |
| Rated switching current | 5 A | Switch-on delay | < 55 µs |
| Switch-off delay | < 310 µs | Voltage drop at max. load | ≤ 0.3 V |
| Leakage current | < 20 µA | Min. switching current | 1 mA |
| Protective circuit, load side | Free-wheeling diode | | |

Contact data

| | |
|--------------|------------------------|
| Contact type | 1 NO contact (MOS-FET) |
|--------------|------------------------|

General data

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

Insulation coordination

| | | | |
|--|-----------------------|---------------------------|--------|
| Dielectric strength for control side - load side | 2.5 kV _{eff} | Impulse withstand voltage | 2.5 kV |
|--|-----------------------|---------------------------|--------|

Connection data

| | | | |
|------------------------|--------------------|-----------------|------|
| Wire connection method | Plug-in connection | Pitch in mm (P) | 5 mm |
|------------------------|--------------------|-----------------|------|

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 6.0 | EC001504 | eClass 6.2 | 27-14-01-90 |
| eClass 9.0 | 27-37-16-04 | eClass 9.1 | 27-37-16-04 |

Approvals

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

Data sheet

TERMSERIES
SSR 10-32VDC/0-35VDC 5A

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data

Downloads

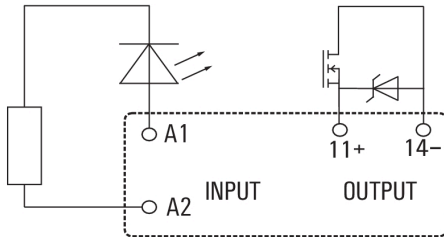
| | |
|------------------|------------------------------|
| Engineering Data | EPLAN, WSCAD |
| Engineering Data | STEP |

TERMSERIES
SSR 10-32VDC/0-35VDC 5A

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

Wiring diagram



View of pins from below

Dimensional drawing

