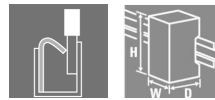


TERMSERIES
TRP 24VUC 1CO

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
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Product image


Similar to illustration

TERMSERIES relay module, complete modules consisting of

a relay and a base with AC/DC/UC coils, available in different versions:

- With screw and tension-clamp connection
- AgNi contact, optionally with hard gold-plated contacts
- 1 and 2 COs
- Optionally with multiple-voltage input: 24...230 V UC
- With various protective circuits in the input (free-wheel diode, RC element)
- Illuminated ejection lever

General ordering data

| | |
|------------|---|
| Type | TRP 24VUC 1CO |
| Order No. | 2618220000 |
| Version | TERMSERIES, Relay module, Number of contacts: 1 CO contact AgNi, Rated control voltage: 24 V UC $\pm 10\%$, Continuous current: 6 A, PUSH IN with actuator |
| GTIN (EAN) | 4050118670615 |
| Qty. | 10 pc(s). |

Creation date April 30, 2020 12:03:26 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

| | | | |
|------------|---------|-----------------|------------|
| Width | 6.4 mm | Width (inches) | 0.252 inch |
| Height | 89.4 mm | Height (inches) | 3.52 inch |
| Depth | 87.8 mm | Depth (inches) | 3.457 inch |
| Net weight | 29.24 g | | |

Temperatures

| | | | |
|-----------------------------|--|-----------------------------|----------------|
| Humidity | 5-95% relative humidity, T _u = 40°C, without condensation | Operating temperature, max. | 60 °C |
| Operating temperature, min. | -40 °C | Storage temperature, max. | 85 °C |
| Storage temperature, min. | -40 °C | Operating temperature | -40 °C...60 °C |
| Storage temperature | -40 °C...85 °C | | |

Rated data UL

| | | | |
|---|--------|------------------------------------|--|
| Ambient temperature (operational), max. | 60 °C | Connection cross-section AWG, min. | AWG 26 |
| Connection cross-section AWG, max. | AWG 14 | Type of conductor | rigid copper conductor, flexible copper conductor |
| Pollution severity level | 2 | Altitude | ≤ 2000 m, above sea level |

Input

| | | | |
|---|--------------------------------|---------------------------------------|------------------------------------|
| Rated control voltage | 24 V UC ± 10 % | Rated current AC | 11.7 mA |
| Rated current DC | 6.4 mA | Power rating | 270 mVA / 154 mW |
| Pull-in/drop-out voltage, typ. | 16 V / 5 V AC 20 V / 6 V DC | Pull-in/drop-out current, typ. | 8.5 mA / 2 mA AC 5 mA / 1 mA DC |
| Status indicator | Green LED | Protective circuit | Rectifier |
| Coil voltage of the replacement relay deviating from the rated control voltage | Yes | Coil voltage of the replacement relay | 24 V DC |

Output

| | | | |
|---|--------------|---|--|
| Rated switching voltage | 250 V AC | Max. switching voltage, AC | 250 V |
| Max. switching voltage, DC | 250 V | Continuous current | 6 A |
| Inrush current | 20 A / 20 ms | AC switching capacity (resistive), max. | 1500 VA |
| DC switching capacity (resistive), max. | 144 W @ 24 V | Switch-on delay | ≤ 6 ms |
| Switch-off delay | ≤ 40 ms | Min. switching power | 1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V |
| Max. switching frequency at rated load | 0.1 Hz | | |

Contact data

| | | | |
|--------------|---------------------|-------------------------|--------------------------------------|
| Contact type | 1 CO contact (AgNi) | Mechanical service life | 5 x 10 ⁶ switching cycles |
|--------------|---------------------|-------------------------|--------------------------------------|

General data

| | | | |
|--------------------------------------|-------|-------------|-------|
| Rail | TS 35 | Test button | No |
| Mechanical switch position indicator | No | Colour | black |
| UL 94 flammability rating | V-0 | | |