



General ordering data

| | |
|------------------|--|
| Order No. | 9406221001 |
| Part designation | RS 32 24VUC LD LP 2U |
| Version | Relays, 2 CO contact, 24 V UC $\pm 10\%$, 4 A, Screw connection |
| EAN | 4032248046164 |
| Qty. | 10 pc(s). |

Input

| | |
|--|--------------------|
| Rated control voltage | 24 V UC $\pm 10\%$ |
| Pull-in (sparkover) / drop-out voltage DC coil | 21.5 V |
| Rated current AC | 28 mA |
| Rated current DC | 18 mA |
| Pull-in / drop-out current, AC coil | -/2.5mA |
| Pull-in / drop-out current, DC coil | -/4.5mA |
| Power rating | 0.6W // 0.9VA |
| Status indicator | Red LED |

Output

| | |
|--|-------------------|
| Bounce times | $\leq 4\text{ms}$ |
| Continuous current | 4 A |
| Inrush current | 6 A |
| Max. switching current | 12 A |
| Max. switching frequency at rated load | 0.1 Hz |
| Max. switching power | 1400 VA |
| Max. switching voltage AC | 250 V |
| Min. switching power | 12 V / 10 mA |
| Sparkover time / Drop-out time | 13ms/10ms |
| Switch-off delay | =10ms |
| Switch-on delay | <13ms |

Contact data

| | |
|-------------------------|-----------------------------------|
| Number of contacts | 2 |
| Contact base material | AgNi 90/10 |
| Mechanical service life | $>30 \cdot 10^6$ switching cycles |

Contact data**Rated data**

| | |
|-----------------------------------|---|
| Climate | 40°C/93% rel. humidity, no condensation |
| Connection system | Screw connection |
| DIN Rail compatibility | TS 32, TS 35 |
| Ambient temperature (operational) | -25 °C...+40 °C |
| Storage temperature | -40 °C...+60 °C |

Insulation coordination (EN 50 178)

| | |
|---|-------|
| Clearance and creepage distances for control side | 3 mm |
| - load side | |
| Impulse withstand voltage | 4 kV |
| Overvoltage category | III |
| Pollution severity | 2 |
| Protection class | IP 20 |
| Rated voltage | 250 V |
| Secure separation acc. to VDE 0106 part 101 | No |

Dimensions

| | |
|----------------------|---------------------|
| Clamping range, max. | 4 mm ² |
| Clamping range, min. | 0.5 mm ² |
| Clamping range, nom. | 2.5 mm ² |
| Length | 70 mm |
| Height | 63.5 mm |
| Width | 25 mm |

Approvals

Approvals institutes

**Classifications**

| | |
|------------|-------------|
| ETIM 2.0 | EC001437 |
| ETIM 3.0 | EC001437 |
| eClass 4.1 | 40-02-06-14 |
| eClass 5.0 | 27-37-16-01 |
| eClass 5.1 | 27-37-16-01 |

Similar products

| Order No. | Part designation | Version |
|------------|-------------------------|---|
| 9406021001 | RS 32 12VDC LD LP 2U | Relays, 2 CO contact, 12 V DC ±10% , 4 A, Screw connection |
| 9406121001 | RS 32 24VDC LD LP 2U | Relays, 2 CO contact, 24 V DC ±10% , 4 A, Screw connection |
| 8872160000 | RS32 24 VDC SAFETY | Relays, 2 CO contact, 24 V DC ±10% , 4 A, Screw connection |
| 9406621001 | RS 32 115VUC LD LP 2U | Relays, 2 CO contact, 115 V UC + 5 / - 15% , 4 A, Screw connection |
| 1122661001 | RS 32 24-48VUC LD LP 2U | Relays, 2 CO contact, 24 V // 48 V UC ±10 % , 4 A, Screw connection |

| | | |
|------------|------------------------|---|
| 9406321001 | RS 32 48VDC LD LP 2U | Relays, 2 CO contact, 48 V DC $\pm 10\%$, 4 A, Screw connection |
| 9406421001 | RS 32 48VUC LD LP 2U | Relays, 2 CO contact, 48 V UC $\pm 10\%$, 4 A, Screw connection |
| 9406521001 | RS 32 60VDC LD LP 2U | Relays, 2 CO contact, 60 V DC $\pm 10\%$, 4 A, Screw connection |
| 1122761001 | RS 32 115-230VUC LD 2U | Relays, 2 CO contact, 115 // 230 V UC + 5 / - 15% , 4 A, Screw connection |
| 9406721001 | RS 32 230VUC LD LP 2U | Relays, 2 CO contact, 230 V UC + 5 / - 15% , 4 A, Screw connection |