



General ordering data

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|------------------|--|
| Order No. | 1101621001 |
| Part designation | RS 30 24VDC LD LP 1A |
| Version | Relays, 1 NO contact, 24 V DC $\pm 10\%$, 6 A, Screw connection |
| EAN | 4032248022298 |
| Qty. | 10 pc(s). |

Input

| | |
|--|--------------------|
| Rated control voltage | 24 V DC $\pm 10\%$ |
| Pull-in (sparkover) / drop-out voltage DC coil | 21.5V |
| Rated current DC | 8 A |
| Pull-in / drop-out current, DC coil | 12mA/3mA |
| Power rating | 0.45W |

Output

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|--|-------------|
| Bounce times | |
| Continuous current | 6 A |
| Inrush current | 8 A |
| Max. switching current | 8 A |
| Max. switching frequency at rated load | 70 Hz |
| Max. switching voltage AC | 250 V |
| Min. switching current | 10 mA |
| Min. switching power | 250 mW |
| Switch-off delay | ≤ 7 ms |
| Switch-on delay | ≤ 8 ms |

Contact data

| | |
|------------------------------------|---------------------------------------|
| Number of contacts | 1 |
| Contact base material | AgNi 0.15 gold flashed |
| Mechanical service life | $> 10^7$ switching cycles |
| Electrical service life, DC coil | $> 5 \cdot 10^5$ switching operations |
| Electrical service life of AC coil | $> 7 \cdot 10^5$ switching operations |

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 |

Dimensions

| | |
|--------|---------|
| Length | 70 mm |
| Height | 56 mm |
| Width | 11.2 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 |
|------------|----------------------|--|
| 1167760000 | RS 30 5VTTL BL/SL 1A | Relays, 1 NO contact, 5 V TTL , 5 A, Screw connection |
| 1129421001 | RS 30 12VDC LD LP 1A | Relays, 1 NO contact, 12 V DC ±10% , 6 A, Screw connection |
| 1101661001 | RS 30 24VDC LP 1A | Relays, 1 NO contact, 24 V DC ±10% , 6 A, Screw connection |
| 1101611001 | RS 30 24VDC LD LP 1A | Relays, 1 NO contact, 24 V DC ±10% , 6 A, Screw connection |
| 1101761001 | RS 30 24VUC LP 1A | Relays, 1 NO contact, 24 V UC ±10% , 6 A, Screw connection |
| 1101721001 | RS 30 24VUC LD LP 1A | Relays, 1 NO contact, 24 V UC ±10% , 6 A, Screw connection |
| 1101711001 | RS 30 24VUC LD LP 1A | Relays, 1 NO contact, 24 V UC ±10% , 6 A, Screw connection |
| 1101861001 | RS 30 48VDC LP 1A | Relays, 1 NO contact, 48 V DC ±10% , 6 A, Screw connection |
| 1101821001 | RS 30 48VDC LD LP 1A | Relays, 1 NO contact, 48 V DC ±10% , 6 A, Screw connection |
| 1101811001 | RS 30 48VDC LD LP 1A | Relays, 1 NO contact, 48 V DC ±10% , 6 A, Screw connection |
| 1101921001 | RS 30 48VUC LD LP 1A | Relays, 1 NO contact, 48 V DC ±10% , 5 A, Screw connection |
| 1101911001 | RS 30 48VUC LD LP 1A | Relays, 1 NO contact, 48 V DC ±10% , 5 A, Screw connection |

| | | |
|------------|-----------------------|---|
| 1102061001 | RS 30 60VDC LP 1A | Relays, 1 NO contact, 60 V DC $\pm 10\%$, 5 A, Screw connection |
| 1155161001 | RS 30 115VDC LP 1A | Relays, 1 NO contact, 115 V DC , 5 A, Screw connection |
| 1155121001 | RS 30 115VDC LD LP 1A | Relays, 1 NO contact, 115 V DC , 5 A, Screw connection |
| 1155111001 | RS 30 115VDC LD LP 1A | Relays, 1 NO contact, 115 V DC , 5 A, Screw connection |
| 1102121001 | RS 30 115VAC LD LP 1A | Relays, 1 NO contact, 115 V AC , 5 A, Screw connection |
| 1102111001 | RS 30 115VAC LD LP 1A | Relays, 1 NO contact, 115 V AC , 5 A, Screw connection |
| 1181611001 | RS 30 230VDC LD LP 1A | Relays, 1 NO contact, 230 V DC + 5 % / - 15 % , 5 A, Screw connection |
| 1102261001 | RS 30 230VAC LP 1A | Relays, 1 NO contact, 230 V AC +5 %/ -15 % , 3 A, Screw connection |
| 1102221001 | RS 30 230VAC LD LP 1A | Relays, 1 NO contact, 230 V AC +5 %/ -15 % , 3 A, Screw connection |
| 1102211001 | RS 30 230VAC LD LP 1A | Relays, 1 NO contact, 230 V AC +5 %/ -15 % , 3 A, Screw connection |
| 1128521001 | RS 30 240VAC LD LP 1A | Relays, 1 NO contact, 240 V AC +5 %/ -15 % , 3 A, Screw connection |
| 1128511001 | RS 30 240VAC LD LP 1A | Relays, 1 NO contact, 240 V AC +5 %/ -15 % , 3 A, Screw connection |