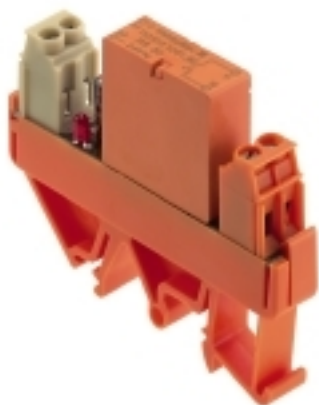


RS 30 24VDC LD LP 1R**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

General ordering data

| | |
|---------------------|---|
| Version | RS-SERIES, Relay module, Number of contacts: 1, NC contact AgNi 0.15 gold flashed, Rated control voltage: 24 V DC $\pm 10\%$, Continuous current: 6 A, Screw connection, Test button available: No |
| Order No. | 1100911001 |
| Type | RS 30 24VDC LD LP 1R |
| GTIN (EAN) | 4008190052881 |
| Qty. | 10 pc(s). |
| Delivery status | Discontinued |
| Available until | 2022-11-25 |
| Alternative product | 2773890000 |

Creation date May 16, 2024 10:00:58 PM CEST

RS 30 24VDC LD LP 1R

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 56 mm | Depth (inches) | 2.205 inch |
| Height | 70 mm | Height (inches) | 2.756 inch |
| Width | 11.2 mm | Width (inches) | 0.441 inch |
| Net weight | 27.07 g | | |

Temperatures

| | | | |
|---------------------|--|-----------------------|-------------|
| Storage temperature | -40 °C...60 °C | Operating temperature | -25 °C...40 |
| Humidity | 40 °C / 93 % rel. humidity, no condensation | | |

Control side

| | | | |
|-----------------------|---|------------------|-----------|
| Rated control voltage | 24 V DC \pm 10 % | Rated current DC | 10 mA |
| Power rating | 0.45 W | Status indicator | Green LED |
| Protective circuit | Free-wheeling diode, Re- verse polarity protection | | |

Load side

| | | | |
|---|------------------------------------|--|--|
| Rated switching voltage | 250 V AC | Max. switching frequency at rated load | 0.1 Hz |
| Max. switching voltage, AC | 250 V | Inrush current | 8 A |
| AC switching capacity (resistive), max. | 2000 VA | Switch-on delay | \leq 8 ms |
| Switch-off delay | \leq 7 ms | Contact type | 1 NC contact (AgNi 0.15 gold flashed) |
| Electrical service life, DC coil | $> 5 \times 10^5$ switching cycles | Mechanical service life | 20×10^6 switching cycles |
| Min. switching power | 250 mW | | |

General data

| | | | |
|-----------------------|----------------|--------------------------------------|--------------|
| Version | soldered relay | Rail | TS 32, TS 35 |
| Test button available | No | Mechanical switch position indicator | No |
| Colour | orange | | |

Insulation coordination

| | | | |
|---------------------------|-------|---|----------|
| Rated voltage | 250 V | Pollution severity | 2 |
| Surge voltage category | III | Creepage and clearance distance input – output | > 3 mm |
| Impulse withstand voltage | 4 kV | Protection degree | IP20 |

Further details of approvals / standards

| | |
|-----------------------|--------------|
| Certificate No. (CSA) | 082859-C-000 |
|-----------------------|--------------|

Connection data

| | | | |
|----------------------------------|---------------------|------------------------------------|---------------------|
| Wire connection method | Screw connection | Stripping length, rated connection | 8 mm |
| Clamping range, rated connection | 2.5 mm ² | Clamping range, min. | 0.5 mm ² |
| Clamping range, max. | 4 mm ² | | |

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Technical data

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001437 | ETIM 7.0 | EC001437 |
| ETIM 8.0 | EC001437 | ETIM 9.0 | EC001437 |
| ECLASS 9.0 | 27-37-16-01 | ECLASS 9.1 | 27-37-16-01 |
| ECLASS 10.0 | 27-37-16-01 | ECLASS 11.0 | 27-37-16-01 |
| ECLASS 12.0 | 27-37-16-01 | ECLASS 13.0 | 27-37-16-01 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 3820ceea-2b49-4a61-bda5-08f3867b3419 |

Approvals

Approvals



ROHS Conform

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | DE_PA_5600_160311_001.pdf |
| Catalogues | Catalogues in PDF-format |