



General ordering data

Order No.	1100911001
Part designation	RS 30 24VDC LD LP 1R
Version	Relays, 1 NC contact, 24 V DC $\pm 10\%$, 6 A, Screw connection
EAN	4008190052881
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

Bounce times	≤ 3 ms
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
1155221001	RS 30 115VDC LD LP 1R	Relays, 1 NC contact, 115 V DC , 5 A, Screw connection
1155261001	RS 30 115VDC LP 1R	Relays, 1 NC contact, 115 V DC , 5 A, Screw connection
1129521001	RS 30 12VDC LD LP 1R	Relays, 1 NC contact, 12 V DC ±10% , 6 A, Screw connection
1101521001	RS 30 230VAC LD LP 1R	Relays, 1 NC contact, 230 V AC +5 %/ -15 % , 3 A, Screw connection
1100921001	RS 30 24VDC LD LP 1R	Relays, 1 NC contact, 24 V DC ±10% , 6 A, Screw connection
1100961001	RS 30 24VDC LP 1R	Relays, 1 NC contact, 24 V DC ±10% , 6 A, Screw connection
1101021001	RS 30 24VUC LD LP 1R	Relays, 1 NC contact, 24 V UC ±10% , 6 A, Screw connection
1167660000	RS 30 5VTTL BL/SL 1R	Relays, 1 NC contact, 5 V TTL , 5 A, Screw connection