



General ordering data

Order No.	1155121001
Part designation	RS 30 115VDC LD LP 1A
Version	Relays, 1 NO contact, 115 V DC , 5 A, Screw connection
EAN	4032248046096
Qty.	10 pc(s).

Input

Rated control voltage	115 V DC
Pull-in (sparkover) / drop-out voltage DC coil	98V
Rated current DC	8 A
Pull-in / drop-out current, DC coil	6mA/1mA
Power rating	0.82W

Output

Bounce times	≤3 ms
Continuous current	5 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	≤11ms
Switch-on delay	≤12ms

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*10 ⁵ switching operations
Electrical service life of AC coil	>7*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
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
1155111001	RS 30 115VDC LD LP 1A	Relays, 1 NO contact, 115 V DC , 5 A, Screw connection
1155161001	RS 30 115VDC LP 1A	Relays, 1 NO contact, 115 V DC , 5 A, Screw connection
1129421001	RS 30 12VDC LD LP 1A	Relays, 1 NO contact, 12 V DC ±10% , 6 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
1102261001	RS 30 230VAC LP 1A	Relays, 1 NO contact, 230 V AC +5 %/ -15 % , 3 A, Screw connection

1181611001	RS 30 230VDC LD LP 1A	Relays, 1 NO contact, 230 V DC + 5 % / - 15 % , 5 A, Screw connection
1101621001	RS 30 24VDC LD LP 1A	Relays, 1 NO contact, 24 V DC $\pm 10\%$, 6 A, Screw connection
1101611001	RS 30 24VDC LD LP 1A	Relays, 1 NO contact, 24 V DC $\pm 10\%$, 6 A, Screw connection
1101661001	RS 30 24VDC LP 1A	Relays, 1 NO contact, 24 V DC $\pm 10\%$, 6 A, Screw connection
1101711001	RS 30 24VUC LD LP 1A	Relays, 1 NO contact, 24 V UC $\pm 10\%$, 6 A, Screw connection
1101721001	RS 30 24VUC LD LP 1A	Relays, 1 NO contact, 24 V UC $\pm 10\%$, 6 A, Screw connection
1101761001	RS 30 24VUC LP 1A	Relays, 1 NO contact, 24 V UC $\pm 10\%$, 6 A, Screw connection
1128511001	RS 30 240VAC LD LP 1A	Relays, 1 NO contact, 240 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
1101821001	RS 30 48VDC LD LP 1A	Relays, 1 NO contact, 48 V DC $\pm 10\%$, 6 A, Screw connection
1101811001	RS 30 48VDC LD LP 1A	Relays, 1 NO contact, 48 V DC $\pm 10\%$, 6 A, Screw connection
1101861001	RS 30 48VDC LP 1A	Relays, 1 NO contact, 48 V DC $\pm 10\%$, 6 A, Screw connection
1101921001	RS 30 48VUC LD LP 1A	Relays, 1 NO contact, 48 V DC $\pm 10\%$, 5 A, Screw connection
1101911001	RS 30 48VUC LD LP 1A	Relays, 1 NO contact, 48 V DC $\pm 10\%$, 5 A, Screw connection
1167760000	RS 30 5VTTL BL/SL 1A	Relays, 1 NO contact, 5 V TTL , 5 A, Screw connection
1102061001	RS 30 60VDC LP 1A	Relays, 1 NO contact, 60 V DC $\pm 10\%$, 5 A, Screw connection