



#### General ordering data

Order No.	9406121001
Part designation	RS 32 24VDC LD LP 2U
Version	Relays, 2 CO contact, 24 V DC $\pm 10\%$ , 4 A, Screw connection
EAN	4008190027193
Qty.	10 pc(s).

#### Input

Rated control voltage	24 V DC $\pm 10\%$
Pull-in (sparkover) / drop-out voltage DC coil	21.5 V
Rated current DC	25 mA
Pull-in / drop-out current, DC coil	-/5 mA
Power rating	0.6 W
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	10 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

**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 <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, nom.	2.5 mm <sup>2</sup>
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
8872160000	RS32 24 VDC SAFETY	Relays, 2 CO contact, 24 V DC ±10% , 4 A, Screw connection
9406221001	RS 32 24VUC LD LP 2U	Relays, 2 CO contact, 24 V UC ±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 ±10% , 4 A, Screw connection
9406421001	RS 32 48VUC LD LP 2U	Relays, 2 CO contact, 48 V UC ±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