



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



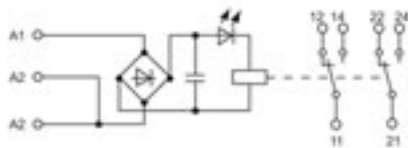
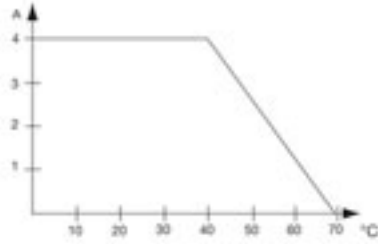
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General ordering data

Order No.	9406221001
Part designation	RS 32 24VUC LD LP 2U
Version	Relays, 2 CO contact, 24 V UC $\pm 10\%$, 4 A, Screw connection
EAN	4032248046164
Qty.	10 pc(s).

Input

Rated control voltage	24 V UC $\pm 10\%$
Pull-in (sparkover) / drop-out voltage DC coil	21.5 V
Rated current AC	28 mA
Rated current DC	18 mA
Pull-in / drop-out current, AC coil	-/2.5mA
Pull-in / drop-out current, DC coil	-/4.5mA
Power rating	0.6W // 0.9VA
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	12 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

Contact data**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 ²
Clamping range, min.	0.5 mm ²
Clamping range, nom.	2.5 mm ²
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
9406121001	RS 32 24VDC LD LP 2U	Relays, 2 CO contact, 24 V DC ±10% , 4 A, Screw connection
8872160000	RS32 24 VDC SAFETY	Relays, 2 CO contact, 24 V DC ±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 $\pm 10\%$, 4 A, Screw connection
9406421001	RS 32 48VUC LD LP 2U	Relays, 2 CO contact, 48 V UC $\pm 10\%$, 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