

## Features

Miniature relay for PCB.  
 Available in 1 change-over contact with max. current 6A(AC1 / 250V; DC1 / 30V).  
 Nominal power: 5, 6, 9, 12, 18, 24 VDC (170mW);  
 48 VDC & 60 VDC (210mW).  
 Miniature, low consumption, high response and sensitivity relay.  
 PCB terminals.  
 Approvals: CE.  
 Protection class (RVS): IP67  
 IEC 60664

## Coil ratings

Nominal voltage VDC	5	6	9	12	18	24	48	60
Resistance ( $\Omega \pm 10\%$ )	141	212	476	816	1,9K	3,3K	10,6K	16,6K
Socket input voltage	24 VDC/AC						60 VDC/AC	

## Coil values at 25 °C

	VDC
Operating range	0,75 -1,3 Un
Max. drop-out voltage	$\geq 5\%$ Un

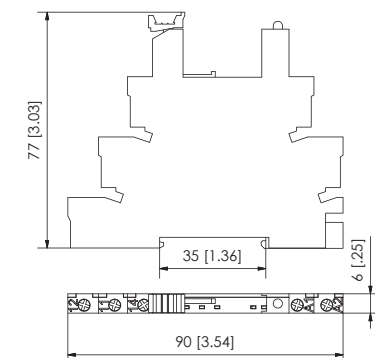
## Contacts

Contact arrangement: 1C and 2C open contacts.  
 Maximum contact power: 1.500 VA (AC1 LOAD) 250 VAC.  
 Maximum voltage: 250 VAC.  
 Maximum current: 30A(AC1 250V), 9A-250VAC3, DC1 load 24V/220V, 140W/40W.

Contact resistance:  $\leq 50$  m $\Omega$ .  
 Contact material: Silver alloy (AgNi).

## Specifications RVS

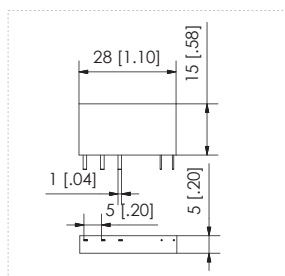
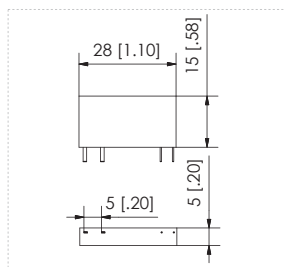
Electrical life	$\geq 10^5$ cycles
Mechanical life	$\geq 10^7$ cycles
Insulation resistance	$\leq 1000$ M $\Omega$ (500VDC)
Operation time	$\leq 8$ ms
Operation frequency	1200op/h at nominal load
Release time	$\leq 4$ ms
Dielectric strength at 1mA	4.000VAC/min(between coil and contacts) 1.000VAC/min(between contacts)
Vibration resistance	10 - 55Hz (Double width 1,0mm)
Shock resistance	5g
Room temperature	-40 °C +85 °C
Room humidity	5% -85% RH
Atmospheric pressure	86 - 106 KPa
Pollution degree	3
Weight	5,4gr
Pack units	50



## Contacts

Control voltage	Reference
32VDC	RVSDCB032DC240004D
32VDC	RVSACB032DC240002Z
12VDC	RVS10N012V000
24VDC	RVS10N024V000
60VDC	RVS10N060V000

The relay voltage 5,6,9,18 and 48VDC are under request



## SVB sockets Features

Interface I/O (Input/Output) & weld on sockets.  
 Different types depending on the input voltage.  
 Protection and indication circuit.  
 Rail DIN (35 mm) and PCB.  
 DIN / EN sequential numbering.  
 Protection class: IP20

## SVB sockets specifications

Nominal load	6 A / 300 VAC
Dielectric strength	> 3 KV
Screws	M3 Steel. Pozi drive
Wire in lets capacity solid wire	1 x 2,5 mm <sup>2</sup>
Weight	24gr
Pack units	20

## Sockets' references

Sockets reference	SVB10D010024V	SVB10D010024V	SVB10D010060V	SVB10D010110V	SVB10D010240V
Sockets input voltage	12 VAC/DC	24VAC/DC	60VAC/DC	100-110VAC/DC	220-240 VAC/DC
Relay reference	RVS10N012V000	RVS10N024V000	RVS10N060V000	RVS10N060V000	RVS10N060V000

## Accessories

Reference	Description	Observations
SVB10D01000V	PCB socket- weld on 6,2mm	-
SVB10D000000V	Separator accessory	-
AVP	Connection bridge for SVB sockets	1bridge (20 pins) per unit
MTV	Labels set for laser marking	1 set 64 labels

