

Type SVL



- Adjustable alarm levels
- Adjustable hysteresis
- LED Indications in front
- 2 Alarm relays
- 24–110V DC

DC Voltage alarm relay type SVL, is a adjustable monitoring relay for DC Systems. SVL will give alarm for high and low voltage in the DC system and can be used in DC system from 24 up to 110V DC.

When a alarm occurs the green LED will go out and the red LED illuminates. The alarm relays have voltage free change over contacts for remote signalling.

SVL are constructed for use in standard 11-Pin relay sockets which gives a flexible mounting.

SVL can be used in any DC system where a safe monitoring of DC voltage levels are required.

TYPE LIST			
Type	SVL24	SVL48	SVL110
Article number.	12-50-A128	12-50-A128	12-50-A128
Category	Monitoring relays		

DC INPUT			
Supply and measuring voltage	18-42V DC	36-85V DC	76-160V DC

SIGNAL OUTPUTS	
Relay outputs	1 x High voltage; Voltage free change over contact 1 x Low voltage; Voltage free change over contact
Contact load	Max. 220VAC/150VDC/20W/50VA
Break capacity contacts	1,25A

STANDARD FEATURES	
LED Indication	1 x Operation (Green LED) 1 x Alarm (Red LED)

ENVIRONMENT	
Ambient temperature	Operation: -10°C to +40°C Storage: -30°C to +50°C
Climatic conditions	IEC 721-3-3 klass 3K3 / 3Z1 / 3B1 / 3C2 / 3S2 / 3M2
Humidity class	F
Dust	< 1 mg / m ³
Altitude	≤ 2000 m a.s.l.,
Audible noise	< 30 dB (A) in 1 m distance

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MECHANICAL CONSTRUCTION	
Construction	- Standard 11-Pole relay socket mounting
Dimensions WxHxD (mm)	-40/129/80
Weight	appr. 0,2 kg
Protection class	IP21 (mech.); 1 acc. to EN 60950 (electr.)
Surface	ABS Plastic



COMPLIANCES	
Emission EN 50081-1	EN 55011 / EN 55022 class B
Safety	EN 60950 ; VDE 0100 part 410; VDE 0110, EN 50178, EN 60146
Immunity EN 50082-2	Housing: Electrostatic discharge: EN 61000-4-2 (6 kV contact, 8 kV air discharge) radiated radio frequency: EN 61000-4-3 (10V/m, 30 MHz - 1 GHz)
	Power line: EN 61000-4-4 (2 kV, other 2 kV) EN 61000-4-5 (4 kV unsymmetrical, 2 kV symmetric, other: 2 kV unsymmetrical)
	Control line EN 61000-4-4 (2 kV) EN 61000-4-5 (2 kV unsymmetrical)

Options:

- 11-Pole relay socket art.no. A01-9999.00000

MECHANICAL DIMENSIONS
Bakre vy

Additional Information

Full information, drawings, manuals and application notes and advice to any of the wide range of CP Kontakt AB's products are available on request.

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Contact:

CP Kontakt AB
 Bejbyvägen 21
 S-732 96 Arboga, Sweden
 Tel: +46 (0)70 212 86 07
 Fax: +46 (0)589 66 00 20
 Email: cp@cpab.se
 Web: www.cpab.se