

# **DANCO** **TECHNIK**

Anlagen- und Komponententechnik GmbH Dresden

## Heating solutions for clean processes

Point of use  
thermo-regulation

**SR-1B**

- plug & run operation
- free selectable set point  
110° - 180 °C
- bake out & purity
- clean vacuum -  
clean processes

Jalapeno valve heater



# Data sheet: auto-regulator SR-1B

## technical data:

Temperature set point range:	50 °C ... 335 °C
Power supply:	230 V, 208 , 115 or 100 V AC selectable
max. load current:	2,5 A
Climatic conditions:	20 °C - 55 °C, max. 75% rel. humidity, no condensation
Regulating regime:	closed P-loop with temperature sensor
Low temperature alert (LTA):	prepared for local LTA signalisation

## connection:

SR-1 1 device can be connected directly to the 230 V / 208V / 200V 115V or 100V AC-supply.  
 Required supply voltage can be selected inside the regulator easily.

**Attention:** connection to a wrong supply value may damage the regulator !

Standard connecting plug type Binder 693: Pin 1 = L; Pin 2 = N; PIN 4-6 signalisation, PE = PE

## Set point setting :

Selection of temperature set point can be done easy and quick using DIL switches at the device back site.

Set point	DIL-switch						
	°C	1	2	3	4	5	6
50							
55							
75							
90							
105							
125							
130							
140							
150							
160							
175							
190							
200							
225							
255							
300							
335							



DIL switch ON	<input checked="" type="checkbox"/>
DIL switch OFF	<input type="checkbox"/>

## Operating status:

Control function via green LED. Intermitting lighting indicates regulation around the chosen set point value.

## Low Temperature Alert signalisation:

SR1-B point-of-use regulator is prepared for connecting the signal converter Sc100, detecting and signalling local a low temperature deviation in the driven heater jackets.