DANCO TECHNIK

Anlagen- und Komponententechnik GmbH Dresden

Point-of-use Thermo Regulator

SR-1c

Easy control of individual heating elements

set point range 30°C - 345°C
set point fine tuning function
integrated alarm loop
full process monitoring option via optional SC-110 signal converter
plug & run operation
clean room compatible
compact, space-saving design

heating solutions for
clean process
- -
manufactured by Hemi Heating AB • Sweden

Point-of-use Thermo Regulator

Function

- easy and fast temperature set point selection via rear DIL switch
- full process monitoring option via optional SC-110 signal converter
- temperature pre-selection in 5-degree steps
- fine calibration trimmer
- integrated alarm loop for optional low-temperature control
- all-phase heating circuit safeguard
- plug & run operation

Design

Display with 2 LEDs for operation status and alarm

Indicator light „green"	• permanently on = heating active • pulsing = temperature set point reached
Indicator light „red"	• flashing = signalises low-temperature in case SR-1C is operated via optional SC-110 signal converter or external read-out unit and connected heating circuit is equipped with threshold value switch.
Connections	• Configuration with input and output plug type Binder 693 (6+PE) • Heating circuit with socket type Binder 680 (6+PE) • Option for master/slave operation

Technical Characteristics

Control Mode	• closed P-control circuit
Control Range	• 30 – 345 °C set point range (in 5-degree steps) • fine calibration trimmer
Load Current	• max. 2.5 A per SR-1 (max. 6 A per chaining)
Protection Class	• IP 40, ambient temperature 20 –50°C
Safety Standard	• EN 61000-4-2 : 2009-12 , EN 61000-4-3 : 2011-04 , EN 61000-4-4 : 2010-11 EN 61000-6-3 & -6-4 : 2011 , EN 61010-1 : 2010 , EN 61010-2-010 : 2003 EN 61010-031 : 2008, CE mark
Dimensions	• 77 x 38 x 23 mm
Weight	• 180g

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