

## Controller SR92

### Technical description

#### Characteristic

- two independent control outputs (heating and cooling)
- extended functions
- RS232 or RS485 interface
- IP66 front panel

#### Input

- multi-input: Pt, TC, mV, voltage [V], current [mA]

#### Output

- control output (acc. to ordering code)
- alarm output (acc. to ordering code)

#### Power source

- (100 ÷ 240) V AC
- 24 V AC/DC

#### Dimension [mm]

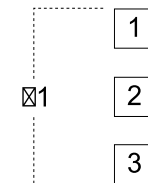
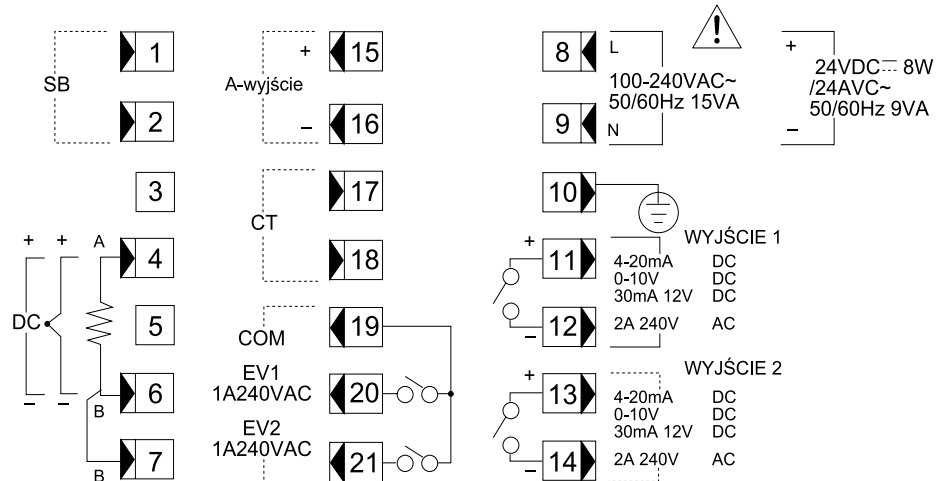
- 72x72x111; hole: 68x68

#### Additional functions

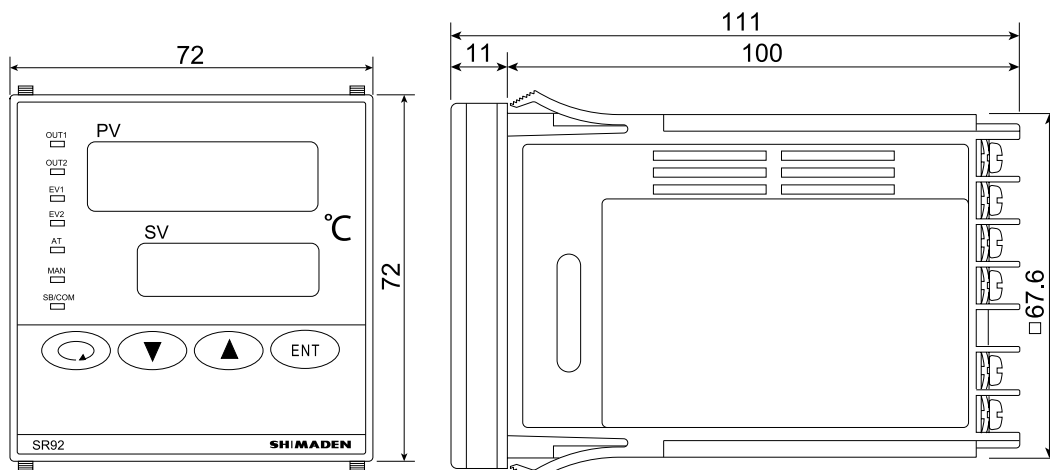
- RS485 interface



Wiring diagram



SPECYFIKACJA	TERMINAL		
	1	2	3
RS-232C	SG	SD	RD
RS-485	SG	+	-



**Ordering code**

Controller	SR92	-	...	-	...	-	...	-	...	-	...	-	...
Input:													
TC: (B, R, S, K, E, J, T, N, PL, II, Wre5-26 {U, L (DIN 43710)}) RTD: Pt100 / JPt100													
voltage: (-10 ÷ 10); (0 ÷ 10); (0 ÷ 20); (0 ÷ 50); (10 ÷ 50); (0 ÷ 100) mV	8												
current: (0 ÷ 20); (4 ÷ 20) mA	4												
voltage: (-1 ÷ 1); (0 ÷ 1); (0 ÷ 2); (0 ÷ 5); (1 ÷ 5); (0 ÷ 10) V	6												
Output 1:													
relay: 240 V AC / 2A / resistive load		Y											
analog current: (4 ÷ 20) mA		I											
SSR voltage: 12 V ±1,5 V		P											
analog voltage: (0 ÷ 10) V		V											
Output 2:													
none			no sign										
relay: 240 V AC / 2 A / resistive load			Y										
analog current: (4 ÷ 20) mA			I										
SSR voltage: 12 V ±1,5 V			P										
analog voltage: (0 ÷ 10) V			V										
Power source:													
(100 ÷ 240) V AC ±10 %, 50/60 Hz								90					
24 V AC/DC ±10 %, 50/60 Hz								08					
Alarm output:													
none										0			
relay output (2a): AL1, AL2: 240 V AC/1A										1			
AL1 alarm output + burnout alarm										2			
AL1 alarm output + burnout alarm										3			
Analog output:													
none											0		
analog voltage: (0 ÷ 10) mV											3		
analog current: (4 ÷ 20) mA											4		
analog voltage: (0 ÷ 10) V											6		
Work point shift or interface:													
none													0
RS485 interface													5
RS232 interface													7
1-point (-1999÷5000)													8

TEMPERATURE CONTROLLERS

**Ordering example**

**Controller SR92-8-Y-Y-08-1-4-5**