

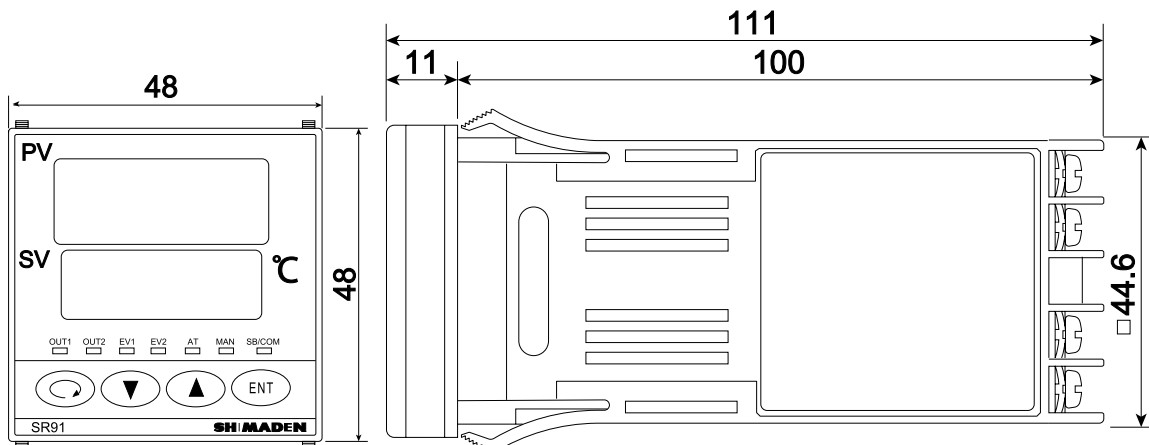
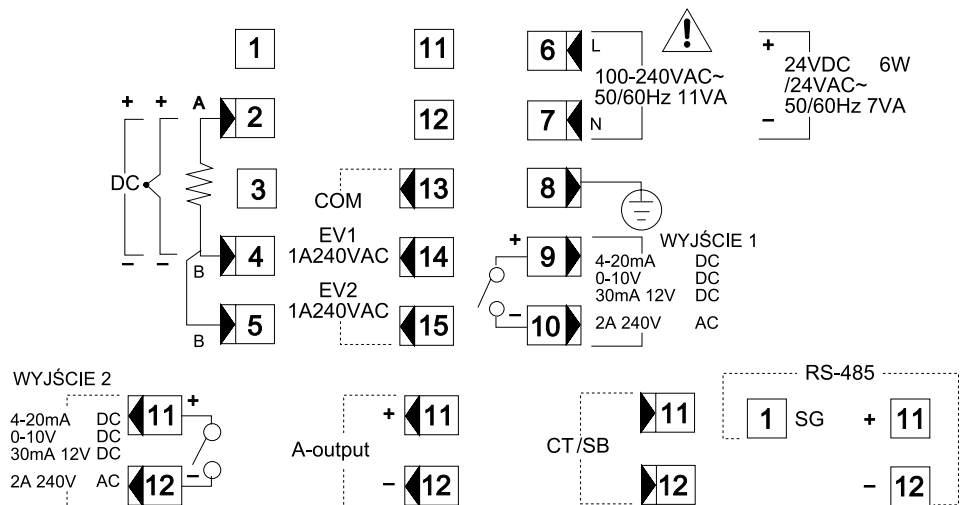
## Controller SR91

### Technical description

<b>Characteristic</b>
– extended functions
– RS232 or RS485 interface
– IP66 front panel
<b>Input</b>
– multi input: Pt, TC, mV, voltage [V], current [mA]
<b>Output</b>
– control output (acc. to ordering code)
– alarm output (acc. to ordering code)
<b>Power source</b>
(100 ± 240) V AC
24 V AC/DC
<b>Dimension [mm]</b>
48x48x111; hole: 45x45
<b>Additional functions</b>
– RS485 interface



Wiring diagram



**Ordering code**

Controller	SR91	-	...	-	...	-	...	-	...	-	...	-	...	-	...
<b>Input:</b> 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 current: (0 ÷ 20); (4 ÷ 20) mA voltage: (-1 ÷ 1); (0 ÷ 1); (0 ÷ 2); (0 ÷ 5); (1 ÷ 5); (0 ÷ 10) V	8														
	4														
	6														
<b>Output1:</b> relay (1a): 240 V AC / 2A / resistive load analog current: (4 ÷ 20) mA SSR voltage: 12 V ±1,5 V analog voltage: (0 ÷ 10) V		Y													
		I													
		P													
		V													
<b>Power source:</b> (100 ÷ 240) V AC ±10%, 50/60 Hz 24V AC/DC ±10 %, 50/60 Hz								90							
								08							
<b>Alarm output (optional):</b> none relau output (2a): AL1, AL2: 240 V AC/1A (resistive load)								0							
								1							
<b>Output 2 (optional):</b> none relay (1a): 240 V AC / 2 A / resistive load analog current: (4 ÷ 20) mA SSR voltage: 12 V ±1,5 V analog voltage: (0÷10) V									no sign						
									Y						
									I						
									P						
									V						
<b>Heater burnout alarm (optional):</b> (0,1 ÷ 30) A (0,1 ÷ 50) A												1			
												2			
<b>Analog output (optional):</b> analog voltage: (0 ÷ 10) mV analog current: (4 ÷ 20) mA analog voltage: (0 ÷ 10) V													3		
													4		
													6		
<b>Interface (optional):</b> RS485 interface															5
<b>Work point shift (optional):</b> 1-point (-1999 ÷ 5000)															8

TEMPERATURE CONTROLLERS

**Ordering example**

**Controller SR91-4-I-90-0**