

# P82-100C

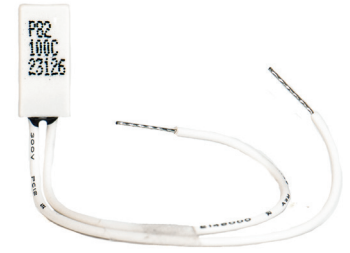
## Thermal overload protection

**General data**

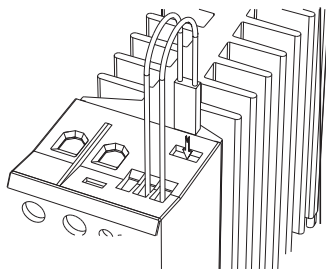
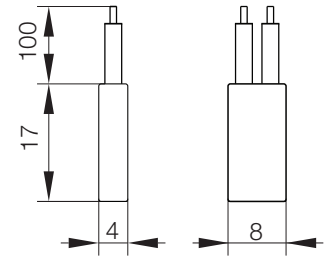
Module width	fig. 1
Weight	3 g
Protection degree	IP 66
Mounting	Slot on contactor
Application	fig. 2

**Product references**

Description	Product reference
Thermal overload protection	P82-100C



**fig. 1. Dimensions (mm)**



Optional thermal overload protection is possible by inserting a thermostat in a slot on the right hand side of the electronic contactor.

**fig. 2. Wiring diagram**

<p><b>Example 1</b></p> <p>Thermostat in series with control circuit of the SSR contactor.</p>	<p><b>Example 2</b></p> <p>Thermostat in series with control circuit from main contactor.</p>
<p><b>Example 3</b></p> <p>Thermostat in series with the control supply of the controller.</p>	<p><b>Example 4</b></p> <p>Thermostat in series with PLC input.</p>

The thermostat is connected in series with the different control circuits. When the controller heatsink temperature exceeds 90° C, the device is switched off. When the controller heatsink has dropped to approx.. 60° C, the control supply is switched On again (depending the chosen control circuit).