

## Temperature Switch

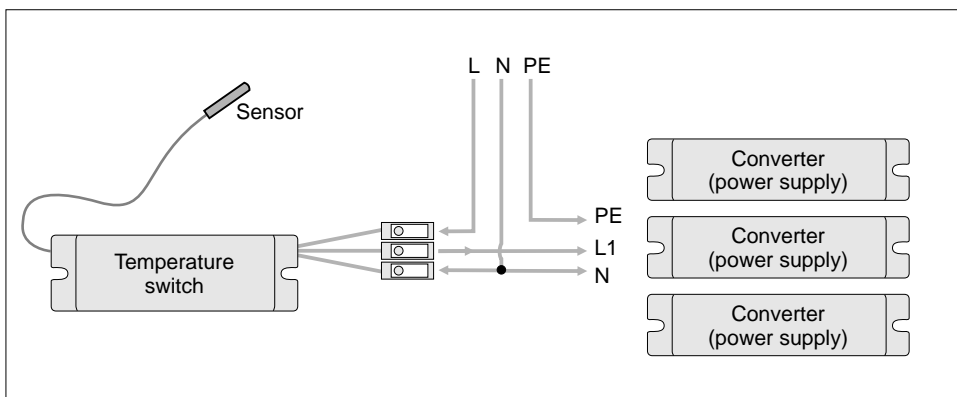
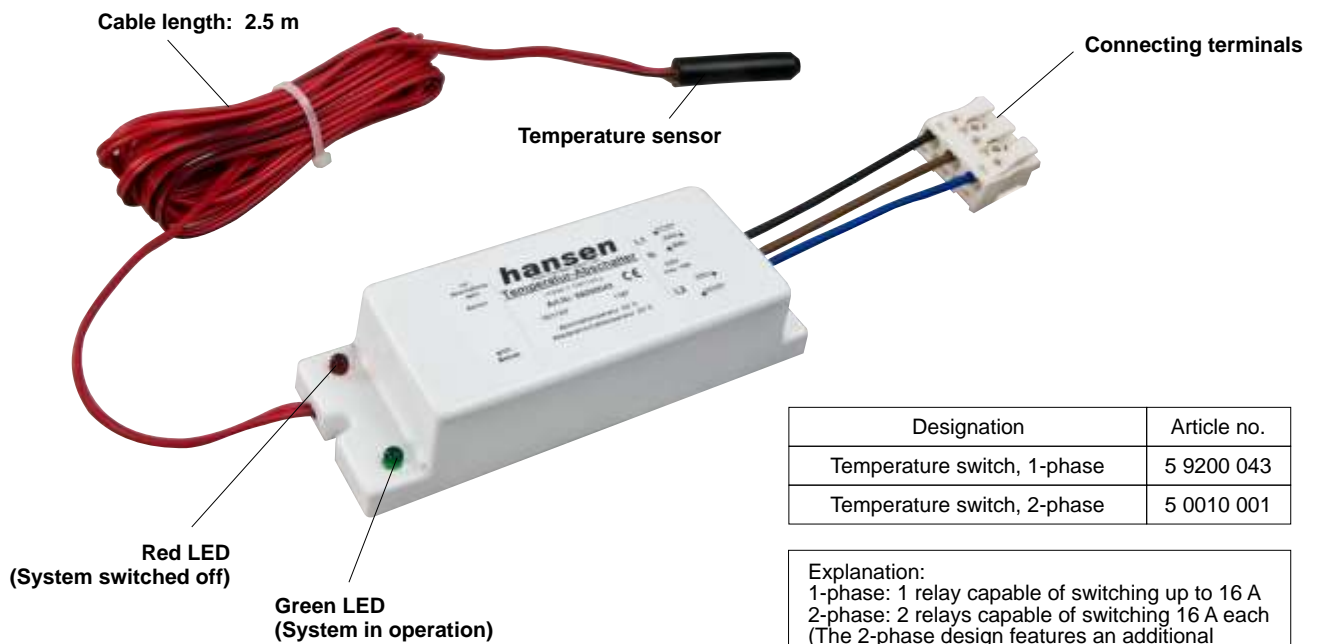
High ambient temperatures can cause damage to power supplies and illuminants in illuminated advertising signs, considerably reducing the lifetime of all technical devices. The temperature switch avoids this by protecting the installation against overheating.

The temperature switch comes with a temperature sensor to be installed within the channel letter where the highest temperatures are to be expected. When the ambient temperature exceeds 55 °C the temperature switch will open to switch off the supply voltage. When the ambient temperature falls below 45 °C the illuminated advertising sign is switched on again automatically.

The temperature switch is embedded in artificial resin and contained in a plastic housing, making it suitable for direct installation in channel letters (IP 65). The voltage is switched off by means of an electro-mechanical relay (230 V/16 A).

For higher-powered systems the temperature switch is available with a second relay capable of switching 2 x 16 A.

A green LED on the housing indicates normal operation. An additional red LED indicates that the switch-off temperature has been reached and the device has switched off the system.



### Technical Data:

Operating voltage: 230 V  
Operating current: 0.05 A

Max. Switching current: 16 A  
(2 x 16 A)

Switching temperatures:  
Opening temp.: 55 °C  
Reclosing temp.: 45 °C