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## Sensor connection

**box**

July 2010

# Sensor connection box

## Description

The SE-SP10 connection box with over voltage protection should be installed to protect the solar collector temperature sensors against induced over-voltages caused by lightning strikes or other external sources.

During a local thunderstorm, voltage peaks which could potentially destroy the sensor are induced in the sensor cable.

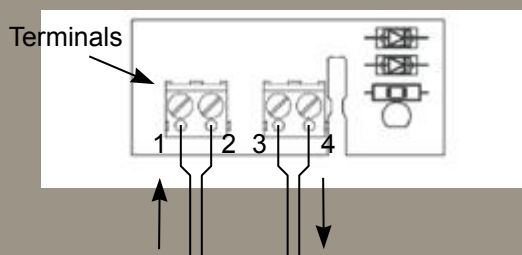
The protection diodes in the connection box limit these over-voltages to a value which is harmless to the sensor. Whenever possible, we recommend installing the connection box adjacent to the collector sensor.

## Technical specifications

Lower part of housing	Karilen E42D-H201
Upper part of housing	Luran S757R
Type of protection	IP65
Dimensions	111 x 68 x 40mm
Ambient temperature	-25° - 70°C



**SE-SP10 sensor connection box**



**SE-SP10 terminal detail**

description	product code
Temperature sensor connection box	SE-SP10