

# BS-660

# RATE OF RISE HEAT DETECTOR



## TECHNICAL CHARACTERISTICS

OPERATION VOLTAGE	18-30V DC
STAND BY POWER CONSUMPTION	50µA
ALARM POWER CONSUMPTION	20-30mA
CLASS	A2R
INDICATORS	Alarm memory LED
OUTPUT	To panel / to external LED driver (BS-572)
DEGREES OF COVER PROTECTION	IP 20
PRODUCED IN ACCORDANCE WITH	EN 54-5
OPERATION TEMPERATURE RANGE	-10 to 70 °C
RELATIVE HUMIDITY	Up to 95%
CONSTRUCTION MATERIALS	Bayblend FR3010
EXTERNAL DIMENSIONS	103 (diam.) x 48 (height) mm
TYPICAL WEIGHT	145gr.
GUARANTEE	2 years

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Olympia Electronics - European manufacturer.

### OPERATION USE

The detector (BS-660) was created to offer quick detection in case of fire . The detector has two parts, one plastic base which is installed on the ceiling and the main unit of the detector which is fastened to the base by a simple turning to the right.

The detector have an indication led which lights continuously in case of fire detection until there is a reset signal from the panel. The indication led also flashes every 4 sec to indicate good operation.

The detectormust be installed on the ceiling in a clear and visible area with no obstacles on the sides. Each detector covers 50 m<sup>2</sup> approximately and the distance between two devices must not be more than 15m.

It is suggested that a good operation test must be conducted every 6 months or after any position change.

This detector can cooperate with conventional fire alarm panels like BS-1632, BS-1636 and BS-1638.

**3. OUT +R and -R :** It is connected with BS-572.

**4. IN +L :** It is connected to the zone of the panel or to the (OUT +R) contact of the previous detector.

**5. Supporting points.**

common base for  
BS-660

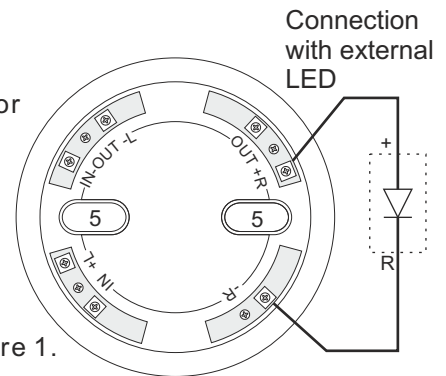


Figure 1.

### NOTE

The detector BS-660 should be tested with a hot air blower.

The cable's cross section must be from 0.5 to 1.5mm<sup>2</sup>.

**1. IN-OUT -L :** It is connected to the zone of the panel or to the (IN-OUT -L) contact of the previous detector.

**2. OUT +R :** It is connected to the next detector (IN +L) or if it is the last one to the terminal resistor.

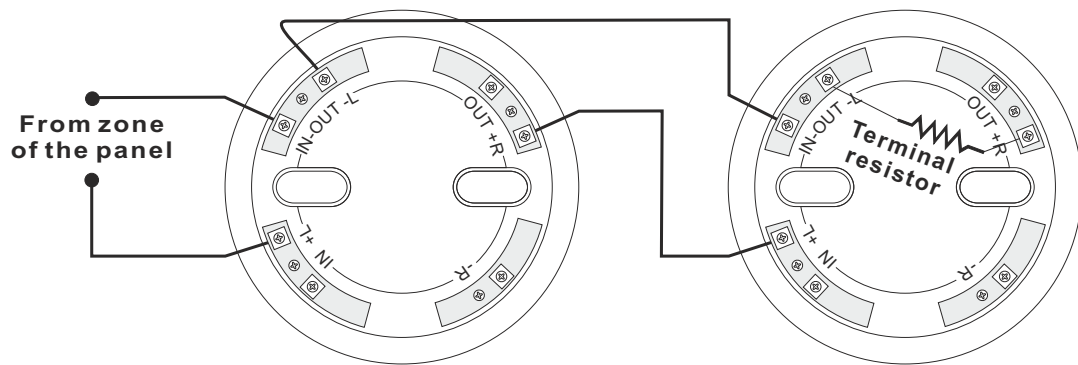


Figure 2

**Connection**

You can connect up to 20 detectors BS-660 on each zone.  
If the power of the detectors is turned off, wait for 3-5 sec before you turn the power on again.

**Certification**

The Rate of rise heat detector BS-660 is certified from H.E.E.Q.A.C and LPCB(1010d/01). Also H.E.E.Q.A.C. controls the production under CPR number:

**BS-660 RATE OF RISE HEAT DETECTOR**

0848-CPR-011 15  
EN-54-5: 2001 + A1: 2002



**KOLINDROS PIERIAS  
60061 GREECE**



**WARRANTY**

Olympia Electronics guarantees the quality, condition and operation of the goods. The period of warranty is specified in the official catalogue of Olympia Electronics and also in the technical leaflet, which accompanies each product. This warranty ceases to exist if the buyer does not follow the technical instructions included in official documents given by Olympia Electronics or if the buyer modifies the goods provided or has any repairs or re-setting done by a third party, unless Olympia Electronics has fully agreed to them in writing. Products that have been damaged can be returned to the premises of our company for repair or replacement, as long as the warranty period is valid.

Olympia Electronics reserves the right to repair or to replace the returned goods and to or not charge the buyer depending on the reason of defection. Olympia Electronics reserves the right to charge or not the buyer the transportation cost.

**HEAD OFFICE**

72nd km. O.N.R. Thessaloniki-Katerini  
P.C. 60061 Greece  
www.olympia-electronics.gr  
info@olympia-electronics.gr