

**BSR-5136**

**Addressable manual call point  
with integrated isolator**

**CE**  
19  
1293

**TECHNICAL CHARACTERISTICS**

COMMUNICATION PROTOCOL	Olympia A Protocol
MAIN VOLTAGE	12-30V
STANDBY CONSUMPTION	90µA
ALARM CONSUMPTION	2.5mA (with activation LED)
TYPE	Type A
USE	Indoors
MAXIMUM LOOP CURRENT (I <sub>c</sub> max, -L in/out)	1A
MAXIMUM SWITCH CURRENT (I <sub>s</sub> max, -L in/out)	5A
MAXIMUM SERIES RESISTANCE (Z <sub>c</sub> max, -L in-out)	300mΩ
MAXIMUM LEAKAGE CURRENT (I <sub>l</sub> max, -L in/out)	25mA pulses (6ms duration every 2sec)
ISOLATION VOLTAGE (V <sub>so</sub> min-max)	8.8 - 11
RECONNECT VOLTAGE (V <sub>sc</sub> min-max)	10.2 - 13
DEGREES OF COVER PROTECTION	IP20
PRODUCED IN ACCORDANCE WITH	EN 54-11, EN 54-17
OPERATION TEMPERATURE RANGE	-40 to 70 °C
RELATIVE HUMIDITY	Up to 95%
CONSTRUCTION MATERIALS	ABS/PC
EXTERNAL DIMENSIONS	94 x 98 x 56 mm
TYPICAL WEIGHT	185 gr.
GUARANTEE	2 years

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Olympia Electronics - European manufacturer**

**Description**

BSR-5136 is an addressable manual call point which activates the fire detection panel. BSR-5136 works with any panel supports Olympia A Protocol. It is essential to be placed in every fire detection system in co-operation with fire detection. At least one manual call point has to be placed in every fire detection system, close to the main control panel.

Pushing the clear plastic cover of the manual call point activates the alarm system. The clear plastic cover does not break but can be reset to its original position using the special plastic key which is included in the package. Periodic fire detection system testing can be carried out by activating a manual call point. It should be mounted in a clearly visible spot, near to the exit or ladder and at a height of 1.5 meters.

A red LED that blinks periodically in standby mode indicates a good link between manual call point and main panel. The LED lights up and remains lit in case this manual call point triggers an alarm on the panel. The LED remains lit during siren silence periods to indicate the manual call point which triggered the alarm. The LED goes off when we RESET the panel.



Each button has a unique address with which it is recognized from the panel. It is forbidden for two devices with same address to be connect to the same loop. The "Point change address" and "Detect-AUTOADDRESS" functions as described in the user manual can be used to set the address. The panel references the buttons with the name POINTS.

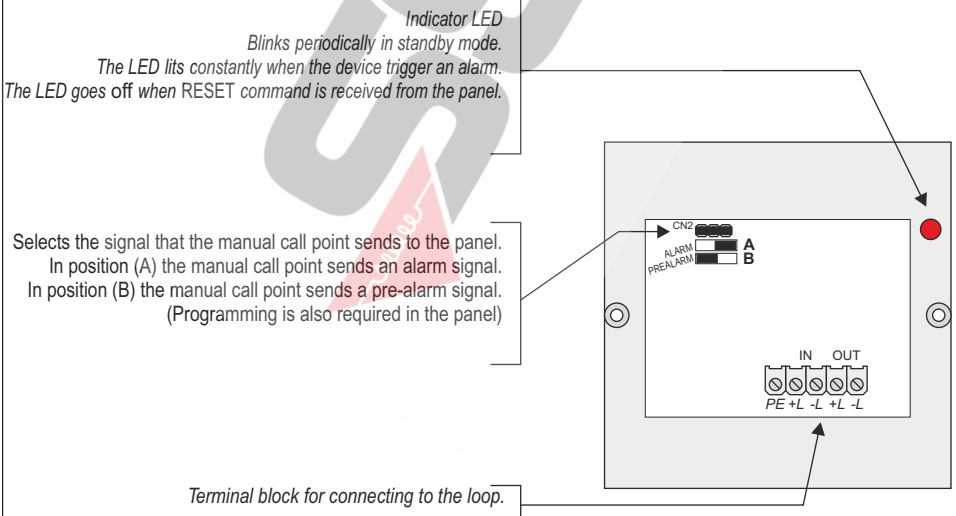
BSR-5136 features an intergrated short-circuit isolator which is automatically activated to isolate the faulty node from the rest of the loop. This feature allows to locate installation faults directly from the main panel.

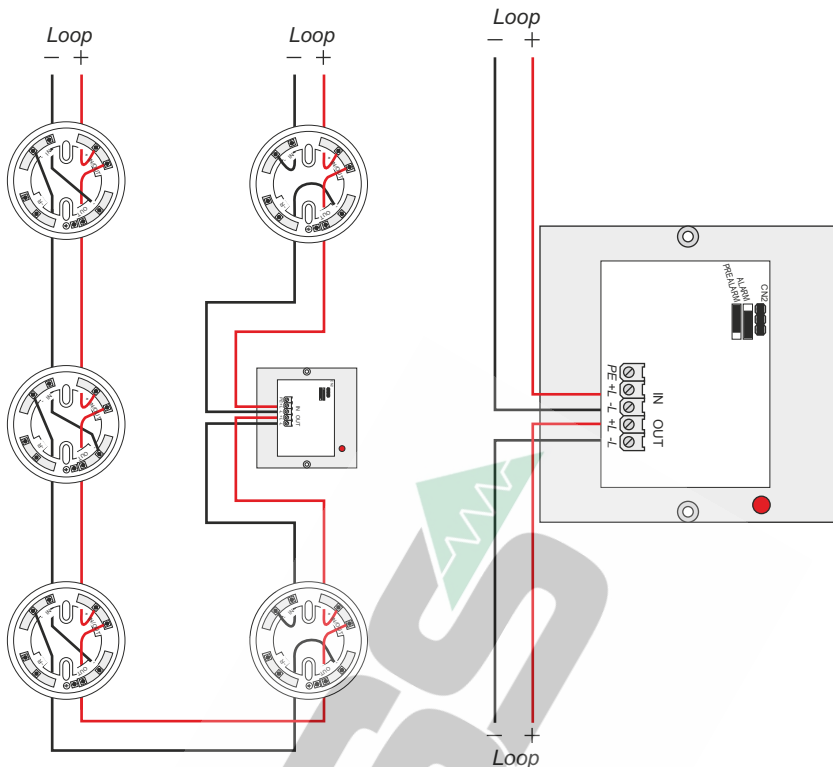
**Additional specifications of the device :**

- **Resettable operating element with easy front access**
- **160° viewable LED**
- **Semi flush or surface mounting**
- **Configurable as alarm or pre-alarm call point**

Protocol values	
Quiescence state	10
Alarm	128
Pre-alarm	64

**UID:**  
In every device there is a double sticker with the UID (Unique Identifier) number. This number is unique for each device.





## 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 deflection. Olympia Electronics reserves the right to charge or not the buyer the transportation cost.



# Mechanical drawing

Horizontal line parallel to the ceiling

