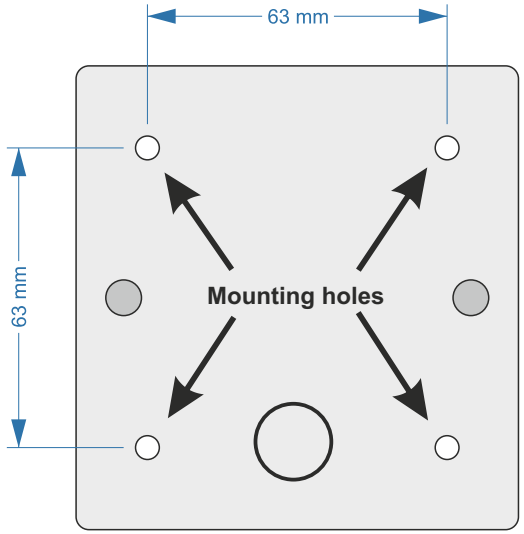
Mechanical drawing

Horizontal line parallel to the ceiling



European manufacturer

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CE 19 1293

BSR-5136

Addressable manual call point with integrated isolator

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 (Ic max, -L in/out)	1A
MAXIMUM SWITCH CURRENT (Is max, -L in/out)	5A
MAXIMUM SERIES RESISTANCE (Zc max, -L in-out)	300mΩ
MAXIMUM LEAKAGE CURRENT (I_L max, -L in/out)	25mA pulses (6ms duration every 2sec)
ISOLATION VOLTAGE (Vso min-max)	8.8 - 11
RECONNECT VOLTAGE (Vsc 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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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.

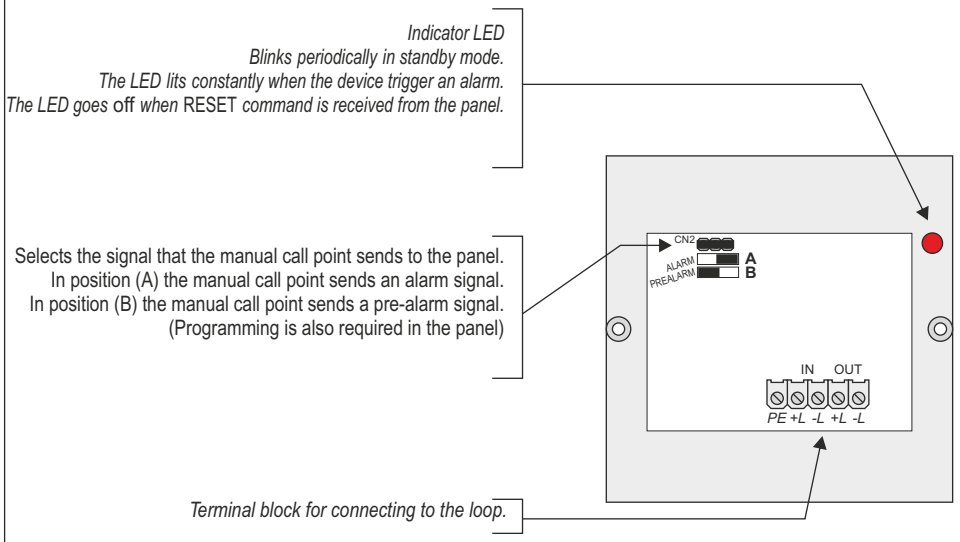
BSR-5136 features an intergrated short-circuit isolator which is automatically activated to isolate the faulty node from the rest of the loop. This feature allows to locate installation faults directly from the main panel.

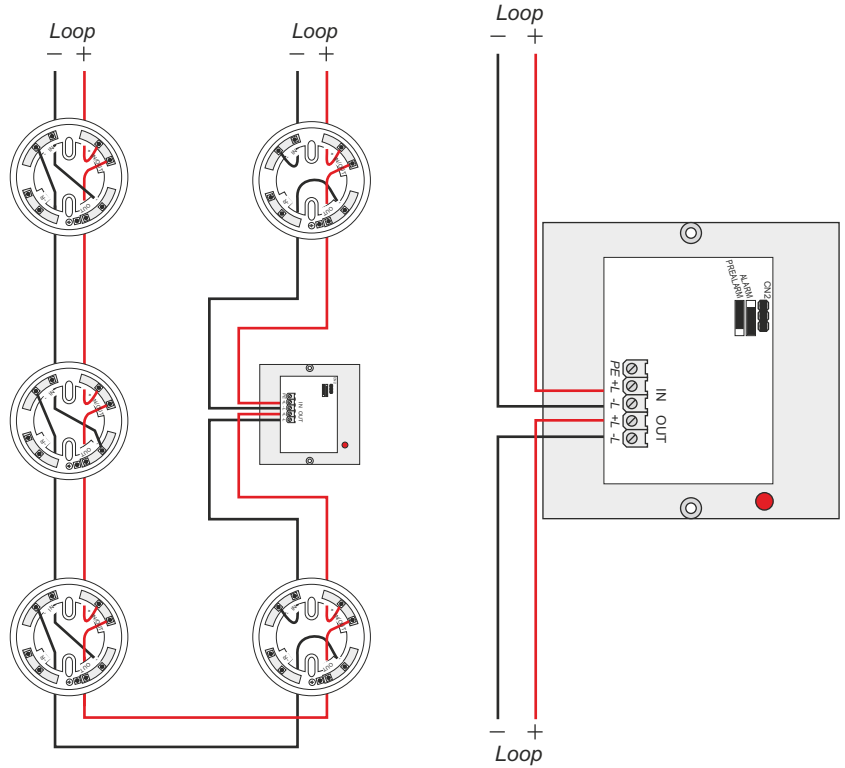
Additional specifications of the device :

- 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

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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.

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