

DATA SHEET OBSTRUCTION WARNING SYSTEM – R < 5m (OWS-R)

PRODUCT CODE: 10517

VERSION: Issue F - May 2020



BS 8524
compliant

OBSTRUCTION WARNING SYSTEM – R < 5m

PRODUCT DESCRIPTION

The Obstruction Warning System – R (OWS-R) monitors the horizontal opening protected by a fire curtain to ensure it is kept clear. If the opening is obstructed the Infrared beam will be broken and then after a short delay period a warning device will be activated. The warning device will be audible and/or visual.

The Obstruction Warning System – R (OWS-R) is compatible with both Voice Warning units (VWR and VWC). When used in conjunction with Voice Warning units the Voice Warning unit will play the message "Warning, please remove obstruction". The message will repeat until the obstruction has been removed.

Alternatively, the Obstruction Warning System – R (OWS-R) can be used with a Light & Sound Warning unit (LSW). When used in conjunction with a LSW the LSW will output an audible tone and flash until the obstruction is cleared.

NOTE: An audio / visual warning device MUST be used with the Obstruction Warning System – R (OWS-R) to alert nearby occupants.

BS 8524 COMPLIANCE

In accordance with BS 8524-2:2013, where barrier assemblies are to be deployed in areas which might be obstructed, e.g. by storage or furniture, one or more of the following obstruction warnings should be used:

- Markings on the closing surface, e.g. a yellow-hatched area;
- A single beam (directional) which detects items left in the path of the barrier assembly and sounds an alarm;
- A multi-beam detection system (covering the whole opening) which detects items left in the path of the barrier assembly and sounds an alarm.



SPECIFICATION

Current Rating:
500mA @ 30Vac/dc

Current Consumption:
37mA

Voltage Rating:
10.5 – 26Vdc

Colour:
White

Dimensions:
62(w) x 106(h) x 23.5mm(d)
Emitter / Receiver

69(w) x 84(h) x 13.2mm(d)
Reflector

Effective Detection Range:
0 – 5m

Installation Position:
Up to 150mm from FFL
Up to 100mm from barrier drop line

Material:
ABS Resin

Operating Temperature:
-20°C to +50°C

Weight:
140g (Emitter and Reflector)

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