

Logic Plus Sentrysocket



PRODUCT RANGE		
RCD protected switchsocket outlets		
30mA Active Control		
13A DP switched	Single socket	K6300 WHI
	Double socket	K6231 WHI
30mA Passive Control		
13A DP switched	Single socket	K6303 WHI
	Double socket	K6233 WHI
10mA Active Control		
13A DP switched	Single socket	K6100 WHI
	Double socket	K6211 WHI

Description

Sentrysocket provides a high level of protection against electrocution and gives further protection when used with appliances vulnerable to insulation damage, particularly when they are in damp environments or outdoors. Always use Masterseal Sentrysocket when mounting in damp environments or outdoors.

Sentrysocket, incorporating an RCD, is part of a complete range of fixed and portable wiring accessories and circuit protection devices suitable for use in domestic, commercial and industrial applications.

Active control circuits

Incorporate a 'Re-set' mechanism and are mains failure sensitive, ie they will function

under all the normal conditions expected of an RCD, but will also trip in the event of a power cut or a sudden, dramatic reduction in mains voltage. This makes them ideal for use where it would be hazardous for equipment to suddenly energise after return of mains power, such as use with rotating machinery and heat developing apparatus.

Passive control circuits

Incorporate a 'Stay-set' mechanism and is mains failure proof, ie it will function under all the normal conditions expected of an RCD and will not trip in the event of a power cut. This makes it suitable for use with freezers or in inaccessible or unmanned locations.

Compliance with EC Directives, Standards and approvals

All Sentrysockets comply with the following EC Directives and are CE marked:

Low Voltage Directive (73/23/EEC)
Electromagnetic Compatibility Directive (89/336/EEC)

Sentrysocket RCD Single Sockets also comply with the requirements of the following standards:

BS 7288: 1990 (1993)
BS 2011 Part 2.1 Db (Damp Heat - cyclic)
BS 2011 Part 2.1 Ka (Salt mist)
BS EN 50082-1

Sentrysocket RCD Double Sockets comply with BS EN 61543: 1996

Features

- Suitable for most residential, commercial and light industrial applications.
- Active and passive control circuit applications
- Comply fully with current Wiring Regulations
- Double pole switching
- Flexible and versatile in use
- Ideal for use with equipment subject to wet weather or high humidity
- Part of a complete range of circuit protection devices
- They are pulsating DC sensitive for residual current

TECHNICAL SPECIFICATION

Electrical

Rated Voltage:
240V a.c., 50 or 60Hz

Current rating:
13A resistive

Rated tripping current
30mA and 10mA versions

Terminal capacity:
3 x 4mm²

Physical

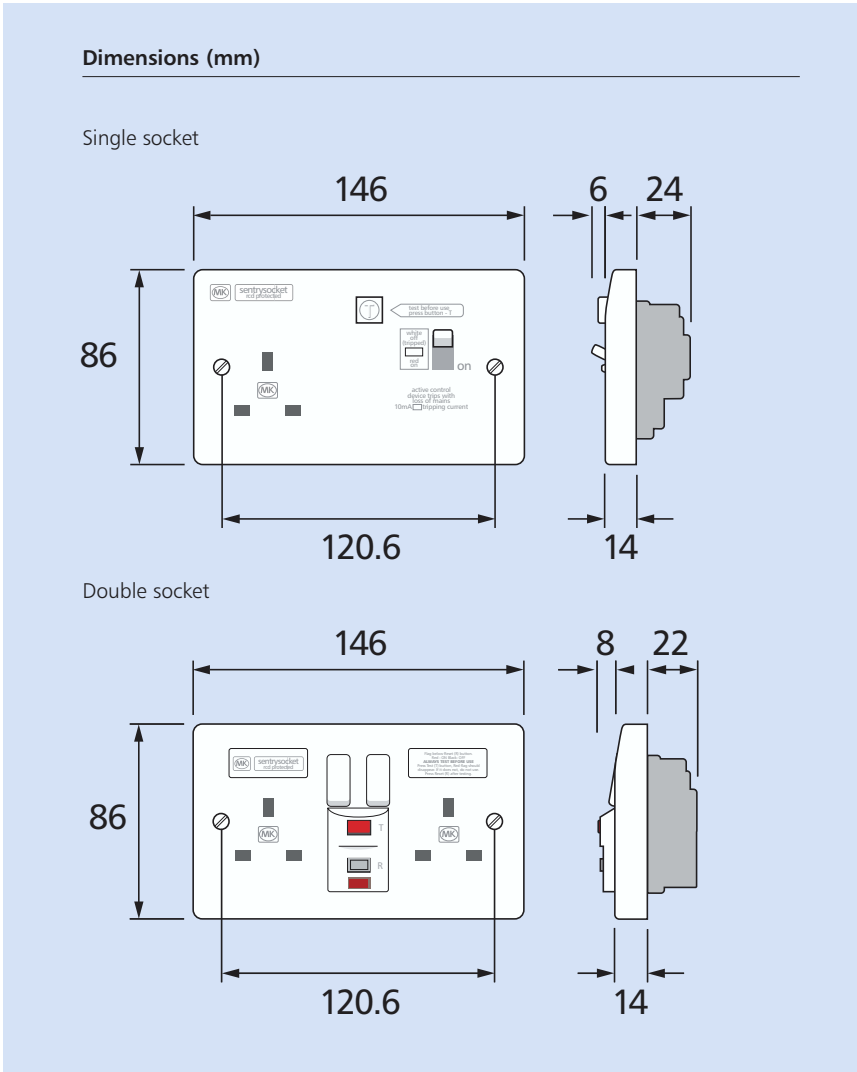
Ambient operating temperature:
-5°C to +40°C

IP rating:
IP4X

Max. installation altitude:
2000 metres

Sentrysockets are only suitable for use in TN-S system where the Supply Neutral Connection is connected to the Supply Earth.

They are not suitable for connection across two lines of a 127V line to Neutral Voltage System.



Box types

Sentrysocket	Flush	Surface
Logic Plus	886 ZIC 35mm	K2172 WHI 40mm
	862 ZIC 25mm	K2142 WHI 30mm

Available for Single or Double Sockets.

Installation

Flush mounting steel wall box

It should be noted that some of the conduit entries may be restricted, depending upon their positions and the depth of box used.