

Product range

RCD protected switchsocket outlets	List No.
13A 2 gang, DP switched, 10MA active	K6100 WHI
13A 2 gang, DP switched, 30MA active	K6300 WHI
13A 2 gang, DP switched, 30MA passive	K6303 WHI

Standards and approvals

All MK Sentrysockets comply with BS 7288: 1990 (1993), 'Specification for socket outlets incorporating residual current devices' and BSEN50082-1.

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. Sentrysocket is not suitable for 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 circuit

Sentrysockets K6100 and K6300 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 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 circuit

Sentrysocket K6303 incorporates 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.

Features

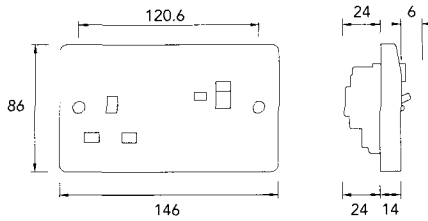
- Suitable for most residential, commercial and light industrial applications
- Comply fully with current Wiring Regulations
- 'Stay-set' and 'Re-set' functions
- Double pole switching
- Active and passive control circuit applications
- Flexible and versatile in use
- Ideal for use with equipment subject to wet weather or high humidity
- Part of a complete range of MK circuit protection devices

Box types

Sentrysocket	Flush: List No.	Surface: List No.
K6100 WHI	886 ZIC/862 ZIC	K2172 WHI
K6300 WHI	886 ZIC/862 ZIC	K2172 WHI
K6303 WHI	886 ZIC/862 ZIC	K2172 WHI

Dimensions

K6100, K6300 and K6303 are identical in size and shape. The following dimensions apply



Technical specification

Electrical

Voltage rating: 250 V AC
 Current rating: 13 A resistive
 Terminal capacity: 3 x 4 mm²

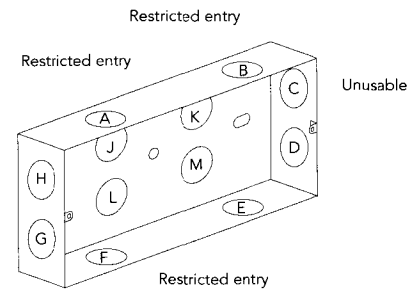
Physical

Ambient operating temperature: -5°C to + 40°C
 IP rating: IP4X
 Max. installation altitude: 2000 metres

Installation

It should be noted that conduit entry on the 25mm deep wall box is restricted at access points A, K and M, with C being unusable (see below).

Flush mounting steel wall box



Cable Management

Sentrysockets can be mounted in a variety of MK trunking systems. See main Catalogue for further details.