



ELECTRICAL INDUSTRY  
AWARDS 2021  
WINNER

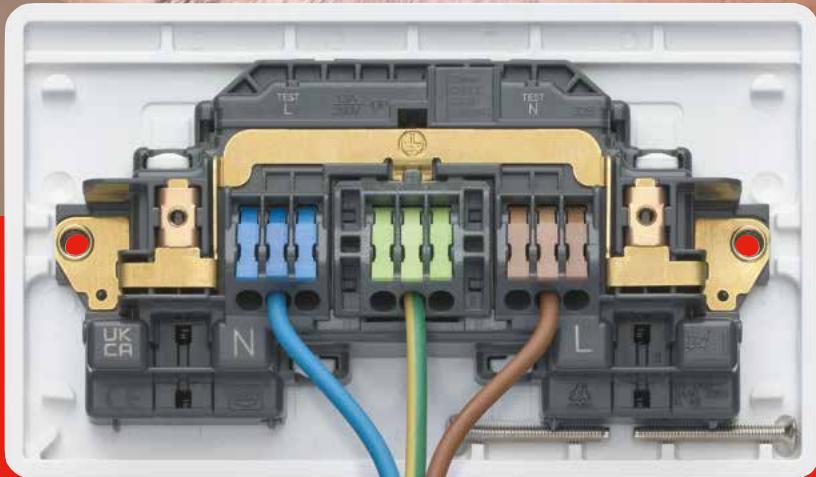


POWERING  
THE FUTURE

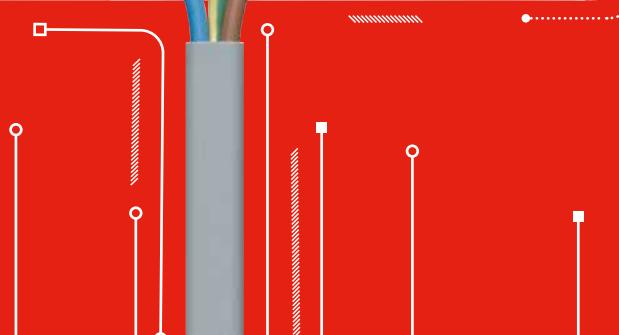
# LOGIC PLUS™ RAPID FIX



30 YEAR  
PRODUCT  
GUARANTEE



SIMPLE, FAST AND RELIABLE  
INSTALLATION EVERY TIME.



# LOGIC PLUS™ RAPID FIX

Introducing the UK's first double 13A switched socket with screwless cable terminations, for a simple, fast and reliable installation every time.

From European wiring practice to the lighting market; tool-free, screwless cable termination is a known and proven concept within the construction industry, so it was only a matter of time before such technology was deployed into British Standard Wiring Devices.

The new Logic Plus Rapid Fix 13A switchsocket is the latest innovation from MK Electric to deliver such a solution and drive the charge in the evolution of British Standard installation practice. With in line, colour coded terminals that simply use individual spring-operated levers to clamp the cables in place, the Logic Plus Rapid Fix switchsocket provides an impressive installation time saving of up to 45%\*.

## POWERING THE FUTURE

MK Electric has always prided itself on total safety solutions and the Logic Plus Rapid Fix switchsocket is no exception.

Alongside the safety features that MK sockets incorporate - such as 3 pin shutters and DP switching, the self-adjusting locking mechanism on the cable terminal clamps guarantees the correct clamping force so the installer is less exposed to installation failure through loose, unconnected or broken cables that arise as a result of under or over tightening. Furthermore, with three dedicated cable entry points per terminal that allow for single cable entry, you are assured of a more robust connection as the cables have greater surface area coverage.

And in addition to speed, simplicity and safety, the new Logic Plus Rapid Fix switchsocket delivers the outstanding levels of quality and reliability that MK Electric has been providing for the last century. In fact, we are so confident in our concept, it is backed by a 30 year guarantee period.

Quality and reliability that MK Electric has been providing for the last century.

\*in independent trials

Saving up to 45% on standard socket installation time.

## FEATURES

SEPARATE TOP PROBE ACCESS  
Vertical top entry for ease of access

MARKET RECOGNISED CONNECTORS  
For total confidence

SELF ADJUSTING TERMINAL CLAMPS  
Maintain the correct clamping force over the life of the product

TOOL-LESS, SCREWLESS TERMINALS  
Simple, easy connection for a "right 1<sup>st</sup> time" installation

COLOUR CODED LEVERS  
For further simplicity and to aide installation

STRIP LENGTH RULER  
To identify essential cable length for best connection

SIMPLE, SPEEDY INSTALLATION

SCREWLESS TERMINAL CONNECTORS

SAFE AND SECURE FIT

INDIVIDUAL TERMINAL ENTRY POINTS  
Accept up to 4mm<sup>2</sup> cable each for ultimate connectivity



30 YEAR  
PRODUCT GUARANTEE

# SCREWLESS TERMINAL 13A SWITCHSOCKET

## STANDARDS AND APPROVALS

13A Switchsockets comply with  
BS1363 Part 2: 2016+A1:2018

### TECHNICAL SPECIFICATION

#### ELECTRICAL

INPUT VOLTAGE AND FREQUENCY  
250V a.c.

CURRENT RATING  
13A

TERMINAL CAPACITY  
Live, Neutral & Earth  
3x 2.5mm<sup>2</sup> Rigid (solid or stranded)  
3x 4.0mm<sup>2</sup> Rigid (stranded)

#### PHYSICAL

AMBIENT OPERATING TEMPERATURE  
-5°C to +40°C

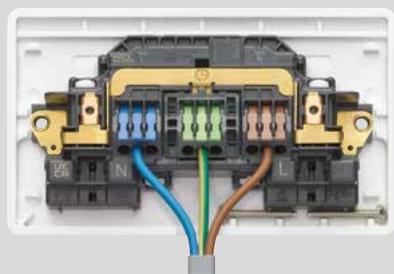
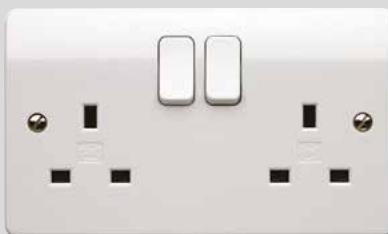
IP RATING  
IP2X

MAX. INSTALLATION ALTITUDE  
2000 metres

#### SWITCHSOCKET INSTALLATION

This product has screwless terminals ready to receive the cables

1. Remove the fixing screws clipped to the rear of the product.
2. Ensure the back box is firmly fixed to the wall.
3. Each terminal accepts one rigid (solid or stranded) cable up to 4mm<sup>2</sup>
4. Strip back the outer sheath and trim the wires to length, allow slack for cable ends to reach the terminals.
5. Carefully strip back the inner insulation to expose 10mm of conductor, as indicated on rear of socket.
6. Slide a length of green/yellow sleeving on to the bare circuit protective conductors (earth).
7. The conductors should now be connected to the respective terminals. Take care to select the cable with the appropriate sleeve colour for each terminal. Insert one cable to each terminal only, by lifting the terminal lever. Close each lever independently before moving to the next cable. Ensure all cables are tightly clamped.
8. Please note. In new buildings constructed in UK after April 2004, and in the EU, the colour codes are: BROWN = terminal marked L, BLUE = terminal marked N, GREEN/YELLOW = terminal marked E.
9. Colour codes prior to April 2004 are RED = Live, BLACK = Neutral, GREEN/YELLOW = Circuit Protective Conductors (earth).
10. Green/yellow sleeved wire must be connected between the socket earth terminal and the back box earth terminal.
11. Carefully push the wired socket back into the back box, ensuring the cables are not trapped or pinched.
12. Using the fixing screws provided, mount the socket onto the back box. Do not overtighten, so as to prevent damage and distortion to the frontplate. Adjust so the frontplate is square on the wall.



## DESCRIPTION

A 2 gang switchsocket with screwless terminal connectors. Designed for faster and more efficient installation. Correct terminal clamping force maintained over time.

The switchsocket also maintains all the advantageous design features of the MK range of wiring devices.

Suitable for mounting on a 25mm deep box; for extra wiring space a 35mm deep box can be used.

The switchsocket can be quickly installed as a replacement for existing 13A sockets or on a new installation.

## FEATURES

- Screwless terminals utilising CAGE CLAMP® connectors
- Faster and more efficient to install than traditional screw terminal sockets
- Colour coded terminal levers to aid installation
- Moulded 'on' indicator flash on plastic switches will not rub off – totally safe
- Cable strip length indicated on rear of switchsocket
- Printed terminal markings for clearer identification
- 3mm minimum switch contact gap
- Double pole switching
- Additional electrical safety from DP Switch, neutral 'make first', 'break last' feature
- Switch contacts with silver contacts on both surfaces for good continuity
- Installation L & N test probe access

CAGE CLAMP® is a registered trademark of WAGO Kontakttechnik GmbH & Co. KG, Germany

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[Hwll.co/rapidfix](http://Hwll.co/rapidfix)

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