

# Metal Flatplate Wiring Accessories

## General Instructions

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Please leave this leaflet with the end user for future reference

51008PL Ed.1



## A. SAFETY INSTRUCTIONS

To prevent the risk of electrocution it is essential to disconnect the mains electricity supply before commencing installation or maintenance work. Do not work on this product 'live'.

### To ensure a safe installation:

This product must be installed by a competent person in accordance with the current editions of the IEE Wiring Regulations (BS7671) and Buildings Regulations. If in any doubt, consult a qualified electrician.

It is essential that all connections to the terminals are made as instructed, that cables are not stressed and all terminal screws are fully tightened.

When earth terminals are present they must always be used.

On wall mounted products ensure product is screwed securely to its mounting box before turning on the mains supply.

To prevent fire hazard do not exceed the maximum rated current of the unit.

If you are in any doubt regarding the application or installation of this product, please contact the MK Technical Sales Service Department on +44 (0) 1268 563720 or [mk.technical@honeywell.com](mailto:mk.technical@honeywell.com)

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## B. MOUNTING BOXES

The MK metal flatplate wiring accessories are designed to fit into folded metal boxes that comply with BS4662. To ensure products can be correctly installed, the box must always be installed flush or sub flush to the surface to a maximum depth of 6mm.

The recommended depth of boxes for the different types of wiring accessories are as follows.

• Socket outlets	35mm
• Lockable switchsocket outlets	47mm
• German style 2 pole + E socket outlet	47mm
• Connection units	47mm
• Plate switches	35mm
• Lockable switch	47mm
• Grid system switches (see note*)	35mm
• Dimmer switches	35mm
• Telephone, television and data outlets	35mm
• Cooker control and 45A switches	47mm
• Shaver supply units	47mm
• 32A Triple pole & neutral switch	List no. 5268ALM

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## B. MOUNTING BOXES (continued)

**Note\*:** If Grid system accessories are to be fitted and the installation requires the attachment of conduit with nuts inside the mounting box, then it is recommended that a box depth of 47mm is used.

Some mounting boxes are fitted with additional threaded fixing lugs on the upper and lower edges. It may be necessary to bend these back into the box to allow the wiring accessory to enter the box to ensure the frontplate sits flush to the mounting surface.

The metal flatplate 'Modular' wiring accessories range offers a variety of clip in modules, lighting switches- telephone - data connectors, etc., providing the flexibility to customise a wiring device in the same enclosure and frontplate. Care must be taken to ensure that segregation is maintained between modules of different operating voltages in accordance with the current edition of the IEE Wiring Regulations (BS7671).

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## C. GENERAL INSTRUCTIONS

### IMPORTANT

Refer to safety instructions before starting work.

MK metal flatplate wiring accessories feature a high quality surface treatment to the frontplates. To protect this surface during installation and subsequent building works, a protective cover is available from your local stockist. Instructions for use of this protective cover are printed on the cover itself.

Ensure the mounting box is firmly secured to the wall. Ensure minimum internal box depth is correct for the product with adequate space for cables.

The surface of the head of the frontplate fixing screws are treated to compliment the finish of the frontplate. To prevent damage to the screw head and frontplate when fitting screws extreme care is required. It is recommended that a screwdriver with a maximum blade width of 3.5mm is used.

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When installing MK metal flatplate 'Grid' wiring accessories some extra precautions are necessary.

Ensure the grid mounting frame is marked with the identification letters 'FP'. This is stamped into the front face of the frame.

(Note: standard MK Grid Plus mounting frames are not suitable for installation of MK metal flatplate wiring accessories.)

The Grid Plus modules may be clipped to the 'FP' mounting frame after assembling the mounting frame into the box.

Before attaching the frontplate it may be necessary to set the height of the mounting frame by adjusting the fixing screws. As a guide, the switch module shroud should be level with the face of the wall when front plate screws are tightened.

Correct adjustment will ensure the frontplate is flush to the surface whilst gently clamping the modules in position.

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## D. CONNECTION

### Load/Supply Cables

Strip back the sheath of the cable by the required amount. Strip back the insulation of the individual conductors by the required amount.

Connect the conductors to the respective terminals. Pull on each cable to ensure that the terminal screw has securely fixed the conductor.

If the earth conductor is bare copper, ensure it is covered with a green/yellow sleeve, so as to ensure it cannot touch live parts.

Ensure all the terminal screws are tightened securely. Pull on each cable to ensure that the terminal screw has securely fixed the conductor.

Carefully push the wired product into the mounting box ensuring the cables are not trapped or pinched.

When products have built in cord grip these must always be used to secure the flexible load cables emerging from the product. The cord grip must clamp the outer sheath of the cable.

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## E. DISPOSAL

Product and packaging should be disposed of via standard refuse facilities at the end of its useful life.

## F. CLEANING

In order to protect the quality surface finish of the front plate periodic cleaning should only consist of polishing with a dry lint free soft cloth. On no account should abrasive or domestic cleaners be used.

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## G. COMPLIANCE WITH EU DIRECTIVES

All MK products conform to their appropriate product standard.

All MK products are manufactured in accordance with ISO 9001: 2000 and where applicable, comply with the EMC and/or LV directives 89/336/EEC and 73/23/EEC.

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## H. GUARANTEE

The Company undertakes to replace or repair, at its discretion, this product should it become defective within a period of 20 years after delivery (10 years for mains related electronic products), solely as a result of faulty materials and/or workmanship. Understandably, if the product has not been installed or maintained in accordance with the Company's instructions, has not been used appropriately, or if any attempt has been made to rectify, dismantle or alter the product in any way, the guarantee will be invalidated. This guarantee states the company's entire liability. It does not extend to cover consequential loss or damage or installation costs arising from the defective product. This guarantee does not restrict or infringe the normal statutory rights of the consumer.

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