wiring devices white



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range introduction

Logic Plus[™] wiring devices from MK Electric have been designed to perfectly complement modern interiors, offering an unobtrusive and sophisticated look totally in keeping with today's design. Technically, they exceed British Standard requirements with patented features that make these products the most advanced and safest available.

Logic Plus[™] products are made from a high grade thermoset material which has an inherent antimicrobial property. In recent independent tests, the Logic Plus[™] products were equal to, or exceeded, competitor 'Anti-Bac' products when tested for resistance to MRSA, E.Coli, Salmonella and Klebsiella pneumoniae.

They are easy to install and available through our extensive distributor network.

The range is backed by MK's quality and reliability and provides the largest selection of wiring devices in any single range.

Echo[™] is an innovative range of entirely wireless, batteryless and self powered switches, only available from MK Electric and in finishes to complement the Logic Plus[™] range. Please see page 31 for details.

features and benefits

Total safety

3-pin operated 'child resistant shutter system', which is designed to inhibit access to the electricity supply, unless all 3 pins of a standard British 13A plug are in position. Logic Plus[™] products include an inherent antimicrobial property as a result of the high grade thermoset material used to manufacture.

Unrivalled quality and reliability

Products are made from the very best materials and production processes. All products are 100% tested.

Quick and easy to install

Features to ensure a guick and easy installation come as standard across the range, including in-line terminals, funnel entrances to terminals, backed out and captive screws and clear terminal markings.

Outstanding range

Extensive selection of wiring devices providing a total solution.

20 year guarantee

Gives total peace of mind to you and your customers. (10 year guarantee for electronic devices)



CONTOURED TO

BLEND INTO

THE WALL

Logic Plus™

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DOUBLE POLE SWITCHING

Switches both live and neutral (neutral makes first, breaks last) means added safety for the user

OPTIONAL NEON INDICATOR SHOWS WHEN SWITCH IS ON

3mm MINIMUM SWITCH CONTACT GAP

HIGH GLOSS, HIGH QUALITY THERMOSET MATERIAL Inherent antimicrobial properties, resists

scratching, maintains appearance

TERMINAL MARKINGS Clearly marked on all rear mouldings

3-PIN "CHILD RESISTANT SHUTTER SYSTEM"

Designed to inhibit access to the electricity supply, unless all 3 pins of a standard British 13A plug are in position

TERMINAL SCREWS

Backed out and held captive within the terminal housing

IN-LINE TERMINALS Allow wire to be cut stripped to the same length

FUNNEL ENTRANCE TO TERMINALS

Terminals are upwards facing to make installation easier

Comprehensive range of Part M compliant products including socket outlets with outboard rockers, wide rocker switches and graphite coloured frontplates



Combined TV, FM, DAB, satellite and telephone sockets save on installation time and space



DUAL EARTH TERMINALS Available for installations that require high integrity earthing

Simple but effective screwless cord grip on connection units – securely holds the cable



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WITH OUTBOARD

ROCKERS 13 AMP

FLUSH

Specification Notes



13 AMP



The 3 pin operated safety shutter makes Logic Plus[™] sockets the safest available



Many sockets are fitted with two earth terminals to provide high integrity earthing



Terminals are grouped in-line with terminal screws backed out ready for easy wiring. Clear marking on dark background makes the terminals easily identifiable

FLUSH	
K2757GRA	K2757D1RED
·:- ⁰	
K274	I7WHI
K2657WHI	K2657D1RED
	I7WHI

K2757WHI K2757GRA 1 GANG DP	<u>10</u> 10
WITH DUAL EARTH TERMI K2757D1RED 1 GANG DP WITH RED FRONTPLATE, F AND DUAL EARTH TERMIN	5 RED ROCKER
K2747WHI 2 GANG DP	50
K2657WHI K2657GRA 1 GANG DP WITH NEON AND DUAL EARTH TERMIN	10 10
K2657D1RED 1 GANG DP WITH RED FRONTPLATE, F NEON AND DUAL EARTH	
K2647WHI 2 GANG DP WITH NEONS	5
MOUNTING BOXES: FLUSH 25mm 1 GANG: 8612IC 2 GANG: 862ZIC FLUSH 35mm (for extra wiring space) 1 GANG: 866ZIC 2 GANG: 886ZIC 3 GANG: K863	3 GANG: K2153WHI DIMENSIONS: 1 GANG: 86 × 86mm 2 GANG: 86 × 146mm 3 GANG: 86 × 206mm FIXING CENTRES: 1 GANG: 60.3mm 3 GANG: 180.9mm

SURFACE 1 GANG: K2140WHI 2 GANG: K2142WHI

BS 1363 Pt 2: 1995

•••	
K2757D1WHI	
K2747D1RED	

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K2757D1WHI 1 GANG DP WITH RED ROCKER AND DUIAL FARTH TERMINALS
K2757D2WHI 1 GANG DP WITH GREEN ROCKER AND DUAL EARTH TERMINALS
K2747D1WHI
2 GANG DP
WITH RED ROCKERS
K2747D1RED
2 GANG DP
WITH RED FRONTPLATE AND

RED ROCKERS K2737WHI 3 GANG DP WITH DUAL EARTH TERMINALS

High integrity earthing

K2757, K2657 and K2737 are fitted with two earth terminals to provide a double earth facility for use when installations require a high integrity protective connection as specified within BS 7671: 2008. K2737 13A fuse protects all three outlets



K2746WHI	10
K2746GRA 2 GANG DP WITH OUTBOARD ROCKERS AND DUAL EARTH TERMINALS	10
K2746CEWHI 2 GANG DP WITH OUTBOARD ROCKERS AND 'CLEAN EARTH' FACILITY	10
K2476WHI	10
K2476GRA 2 GANG DP WITH OUTBOARD ROCKERS DU AND NEONS	10 Al earth
K2476CEWHI 2 GANG DP WITH OUTBOARD ROCKERS, NEONS AND 'CLEAN EARTH' FACILITY	10

K2746CE is provided with facility for 'clean earth' connection. DIMENSIONS: 86 x 146mm FIXING CENTRES: BS 1363 Pt 2: 1995

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Features and

Benefits

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automatically clamps and securely holds the cable in connection units with base and front flex outlets

A screwless cord grip

Switched units are double pole with neutral pole contacts 'making' before and 'breaking' after live contacts. Rockers with built-in indicators are available

When servicing or repairing appliances, fuse carriers remain attached to the frontplate when opened and can be padlocked for safety

An optional tamperproof screw on fuse carriers is particularly useful for appliances in public areas

In-line terminals, backed out captive terminal screws and clear marking make wiring up easy

Connection Units

SWITCHED **FLUSH**



K330WHI 10 10 K330GRA DP WITH FLEX OUTLET IN BASE AND THICK FRONTPLATE 10 K370WHI 10 K370GRA DP WITH NEON, FLEX OUTLET IN BASE AND THICK FRONTPLATE 10 K370D1WHI DP WITH NEON, FLEX OUTLET IN BASE, THICK FRONTPLATE AND RED ROCKER 10 K1030WHI DP WITH FRONT FLEX OUTLET

MOUNTING BOXES: K1030, K1040, K1060 and K1070 FLUSH: 866ZIC (35mm) SURFACE: K2031WHI

All units are fitted with a 13A fuse-link to BS 1362. See page 206 for spare fuse-links.

The fuse carrier can be locked in the open position by removing the fuse and using K2000 fuse carrier

K330 and K370 FLUSH: 866ZIC (35mm) SURFACE: K2140WHI

K1040WHI DP

10 **K1040KOWHI** DP WITH TAMPERPROOF SCREW 10 K1060WHI DP WITH NEON 10 K1060D1WHI DP WITH NEON AND RED ROCKER 10 K1070WHI DP WITH FRONT FLEX OUTLET AND NEON 10 K1070D1WHI

10

DP WITH FRONT FLEX OUTLET, NEON AND RED ROCKER 1 K2000

PADLOCK (FOR FUSE CARRIER)

K1030 and K1070 front flex

outlet products cannot be mounted directly onto MK Cable Box K2131WHI. A mounting frame K2134WHI will have to be used between the product and the box.

Base entry frontplates are 12.5mm deep DIMENSIONS: 86 x 86mm FIXING CENTRES: 60.3mm

BS 1363 Pt 4. 1995

UNSWITCHED FLUSH



10 K337WHI WITH FLEX OUTLET IN BASE AND THICK FRONTPLATE 10 **K337KOWHI** WITH FLEX OUTLET IN BASE, THICK FRONTPLATE

10

AND TAMPERPROOF SCREW FOR FUSE CARRIER K377WHI

WITH FLEX OUTLET IN BASE, NEON AND THICK FRONTPLATE

MOUNTING BOXES:

FLUSH: 866ZIC (35mm) SURFACE: K2140WHI All units are fitted with a 13A fuse-link to BS 1362. See page 206 for spare fuse-links. Base entry frontplates are 12.5mm deep

The fuse carrier can be locked in the open position by removing the fuse and using K2000 fuse carrier padlock

DIMENSIONS: 86 x 86mm FIXING CENTRES: 60.3mm BS 1363 Pt 4: 1995



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PLATESWITCHES Neon Locator	Side Access, Captive Terminal Screws 10 AMP FLUSH	Top Access, Backed 10 AMP FLUSH	out and Captive Term 20 AMP FLUSH	inal screws 10 AMP FLUSH
	K4870GRA K4871WHI K4871WHI K4872WHI	K4875WHI K4875WHI K4873WHI K4873WHI K4874WHI K4874WHI	K4870D2WHI K4871D2WHI K4871D2WHI K4871D2WHI K4872D2WHI	K4878BWHIK4878PWHIK4878PWHI
K3041 S NEON PLATESWITCH LOCATOR 200-250V. 50Hz. TUNGSTEN GLS LAMPS ONLY	K4870WHI IO K4870GRA IO 1 GANG SP IO ONE-WAY IO K4871WHI IO K4871GRA IO 1 GANG SP IO TWO-WAY IO K4872WHI IO K4872GRA IO 2 GANG SP IO TWO-WAY IO	K4875WHI 10 1 GANG INTERMEDIATE K4876WHI 10 1 GANG DP ONE-WAY K4873WHI 10 3 GANG SP TWO-WAY K4874WHI 5 4 GANG SP TWO-WAY K4879WHI 5 6 GANG SP 5 TWO-WAY 5	K4870D2WHI 10 1 GANG SP ONE-WAY K4871D2WHI 10 1 GANG SP TWO-WAY K4872D2WHI 10 2 GANG SP TWO-WAY TWO-WAY 10	K4878BWHI 1 GANG SP TWO WAY PUSH SWITCH WITH BELL SYMBOL PUSH TO MAKE OR BREAK K4878PWHI 1 GANG SP TWO WAY PUSH SWITCH MARKED 'PRESS' PUSH TO MAKE OR BREAK
Neon Plateswitch Locator is for use with any 1, 2 and 3 gang Logic Plu [™] plateswitches. Used for location of switches in dark situations. FIXING CENTRES: 60.3mm BS 5733: 2010	MOUNTING BOXES: FLUSH: 1, 2 & 3 GANG: 3995ZIC 4 & 6 GANG: 862ZIC SURFACE: 1, 2 & 3 GANG: K2160WHI 4 & 6 GANG: K2161WHI These switches do not have to be derated when used with fluorescent or inductive loads. K4871, K4872, K4873, K4874, K4879 These switches can be wired as either one-way or two-way.	DIMENSIONS: 1, 2 & 3 gang: 86 x 86mm 4 & 6 gang: 86 x 146mm FIXING CENTRES: 1, 2 & 3 gang: 60.3mm 4 & 6 gang: 120.6mm B5 EN 60669-1: 1999 20A VERSIONS K4870, K4873, K4874, K4875, K4871 & K4872 are all available as 20A SP versions. Use suffix D2WHI when ordering. K4867WHI is 20A DP 1 way version of K4871. K4868WHI		MOUNTING BOXES: FLUSH: 3995ZIC SURFACE: K2160WHI DIMENSIONS: 86 x 86mm FIXING CENTRES: 60.3mm BS EN 60669-1: 1999

K4868WHI is 20A DP 1 way version of K4872.

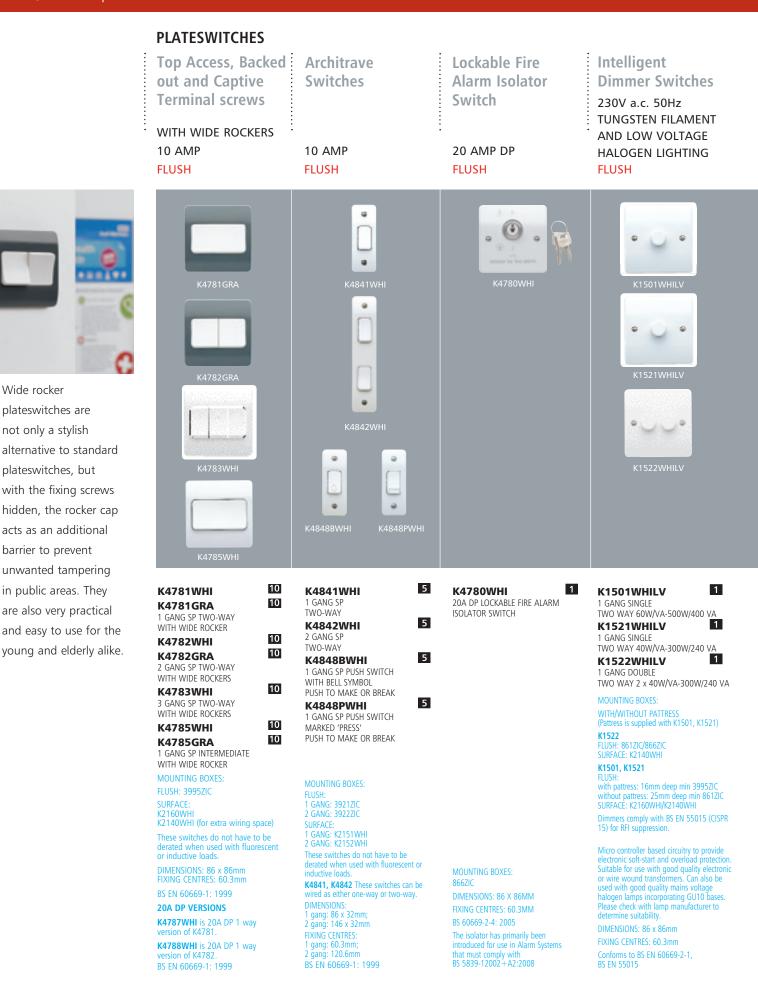


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Wide rocker

plateswitches are not only a stylish





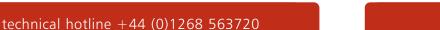
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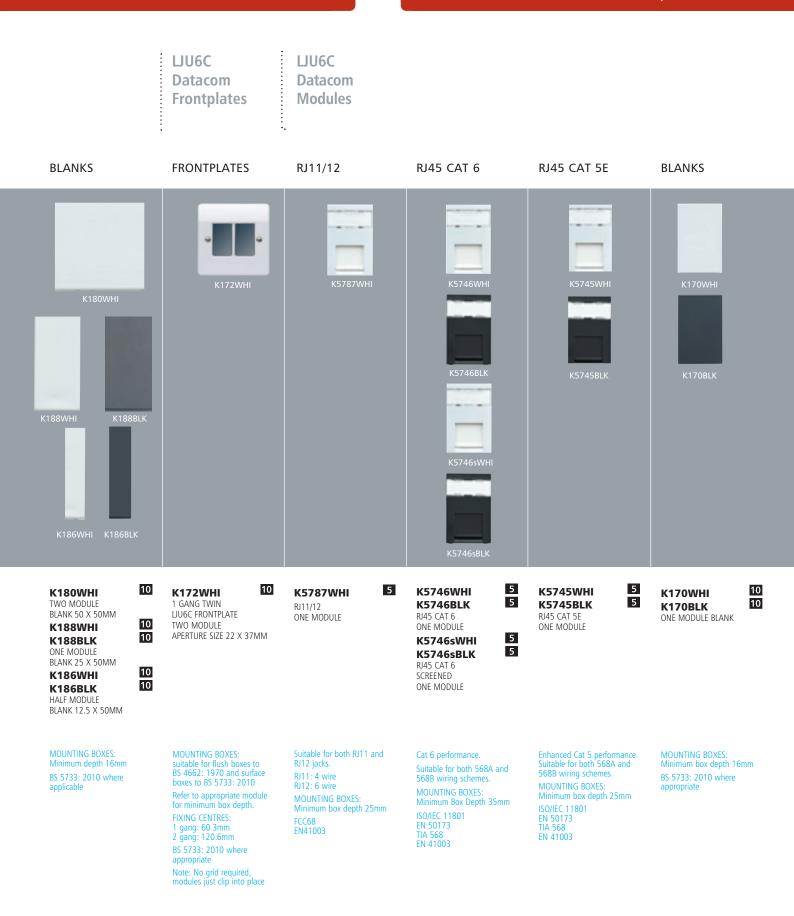
Euro Datacom Modules				
RJ11/12	RJ45 CAT 6	RJ45 CAT 5E	TELEPHONE	BNC
K5887BLK	K5846wHI K5846sBLK	K5845WHI	K5821WHI	K5801WHI
K5887WHI K5887BLK RJ11/12 ONE MODULE 25 X 50MM	K5846WHI 5 K5846BLK 5 RJ45 CAT 6 0NE MODULE 25 X 50MM K5846sWHI 5 K5846sBLK 5 RJ45 CAT 6 SCREENED 5 ONE MODULE 25 X 50MM 5 K5864WHI 5 RJ45 CAT 6 SCREENED 5 N45 CAT 6 ANGLED 5 ONE MODULE 25 X 50MM 5	K5844WHI 5 RJ45 CAT 5E ANGLED ONE MODULE 25 X 50MM K5845WHI 5 K5845BLK 5 RJ45 CAT 5E ONE MODULE 25 X 50MM	K5820WHI 5 K5820BLK 5 TELEPHONE MASTER ONE MODULE 25 X 50MM K5821WHI 5 K5821BLK 5 TELEPHONE SECONDARY ONE MODULE 25 X 50MM	K5801WHI BNC 50Ω ONE MODULE 25 X 50MM
Suitable for both RJ11 and RJ12 jacks RJ11; 4 wire RJ12; 6 wire MOUNTING BOXES: Minimum box depth 25mm FCC68 EN 41003	Cat 6 performance. Suitable for both 568A and 568B wiring schemes. MOUNTING BOXES: Minimum Box Depth 35mm ISO/IEC 11801 EN 50173 TIA 568 EN 41003	Enhanced Cat 5 performance. Suitable for both 568A and 568B wiring schemes. Supplied with cable tie and cable anchors to secure wires in the connectors. MOUNTING BOXES: Minimum box depth 25mm standard ISO/IEC 11801 EN 50173 TIA 568 EN 41003	MOUNTING BOXES: Minimum depth 25mm BS 6312 Pt 2	50 Ohm crimp connector suitable for use with RG58, URM43, URM76 and Beldon 9907 type co-axial cables. MOUNTING BOXES: Minimum box depth 25mm



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MK Modular Datacom **Modules**

Telephone Socket **Outlets**

FLUSH





K191WHI
1 GANG
ONE MODULE
K192WHI
1 GANG
TWO MODULE
K193WHI
2 GANG
THREE MODULE
THREE MODULE K194WHI

K420WHI
TELEPHONE OUTLET
MASTER ONE MODULE
K421WHI
TELEPHONE OUTLET
SECONDARY ONE MODULE
K487WHI
RJ11
TELEPHONE/DATA SOCKET
ONE MODULE
K190WHI
BLANK
ONE MODULE

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MOUNTING BOXES: Suitable for flush boxes to BS 4662: 1970 and surface boxes to BS 5733: 2010 See Modules for correct box depth.

BS 5733: 2010 where applicable

MOUNTING BOXES: K420 and K421 **K420 and K421** are approved under OFTEL approval No.NS/G/23/L/100005 for direct and indirect connections between a termination point of a public telecommunications system and any piece of approved telecommunications apparatus. BS 6312 Pt 2 K487 FCC 68 **K190** Minimum depth 16mm BS 5733: 2010 where applicable

K422WHI 1 GANG	10
TELEPHONE MASTER	
K427WHI	10
1 GANG	
TELEPHONE SECONDARY	40
K4817WHI	10
1 GANG	
RJ11 TELEPHONE SOCKET	
K3540WHI	10
3 PIN WITH	
TELEPHONE SYMBOL (NON UK)	40
400NAT	10
IDC INSERTION TOOL	

K422 and K427 Are approved under OFTEL approval No. NS/G/23/L/100005 for direct and indirect connections between a termination point of a public telecommunications system and any piece of approved telecommunications apparatus.

BS 6312 Pt 2 K4817 FCC 68

K3540 K3540 Accepts standard BS 546 2A 2 pin and earth plug where 2 pins are used for telephone circuits and the earth pin is used to ensure correct polarity.

BS 546: 1950 where relevant

⁶⁰ Logic Plus[™]

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