

MK Electric

Sentry Circuit Protection Solutions





The Sentry range of Consumer Units from MK Electric has been stylishly designed to blend in with its environment. The curved lines and slim-line appearance mean it won't look out of place when installed in hallways, lounges or kitchens of new properties. The range expanded includes a 21-module unit for larger installations and also a 4-module unit to cater for small one-off installations and extensions to existing ones.

The MK Electric Design Service offers a pre-assembly service for custom built boards with all devices fitted, busbars cut and fitted with devices, live and neutral cables terminated. This service is available across the entire range of Metal, Insulated, Flush and Skeleton units.

Supports 17th Edition Compliance

Full range of products to support compliance with the 17th Edition of the Wiring Regulations including RCBOs and pre-assembled split load boards with a variety of RCD configurations

Sentry Skeleton Boards for social housing

For use in a Mantel or Clifton type enclosure, a complete offering of blank and pre-configured skeleton units for use in buildings with multi-occupancy dwellings

MK Electric Design Service for pre-assembled Consumer Units

Save time and money by specifying project requirements through the MK Electric Design Service. Pre-assembled custom built boards, with all devices pre-fitted with busbars and cables are available to suit any installation. Available across the entire range of Metal, Insulated, Flush and Skeleton units

Flush mounting versions

Flush mounting available for even neater installations

Protective lid

Opaque and downward opening lid conceals protective devices and labelling

Floating busbar system

Gives maximum installation flexibility

Broad selection of pre-assembled split load units available

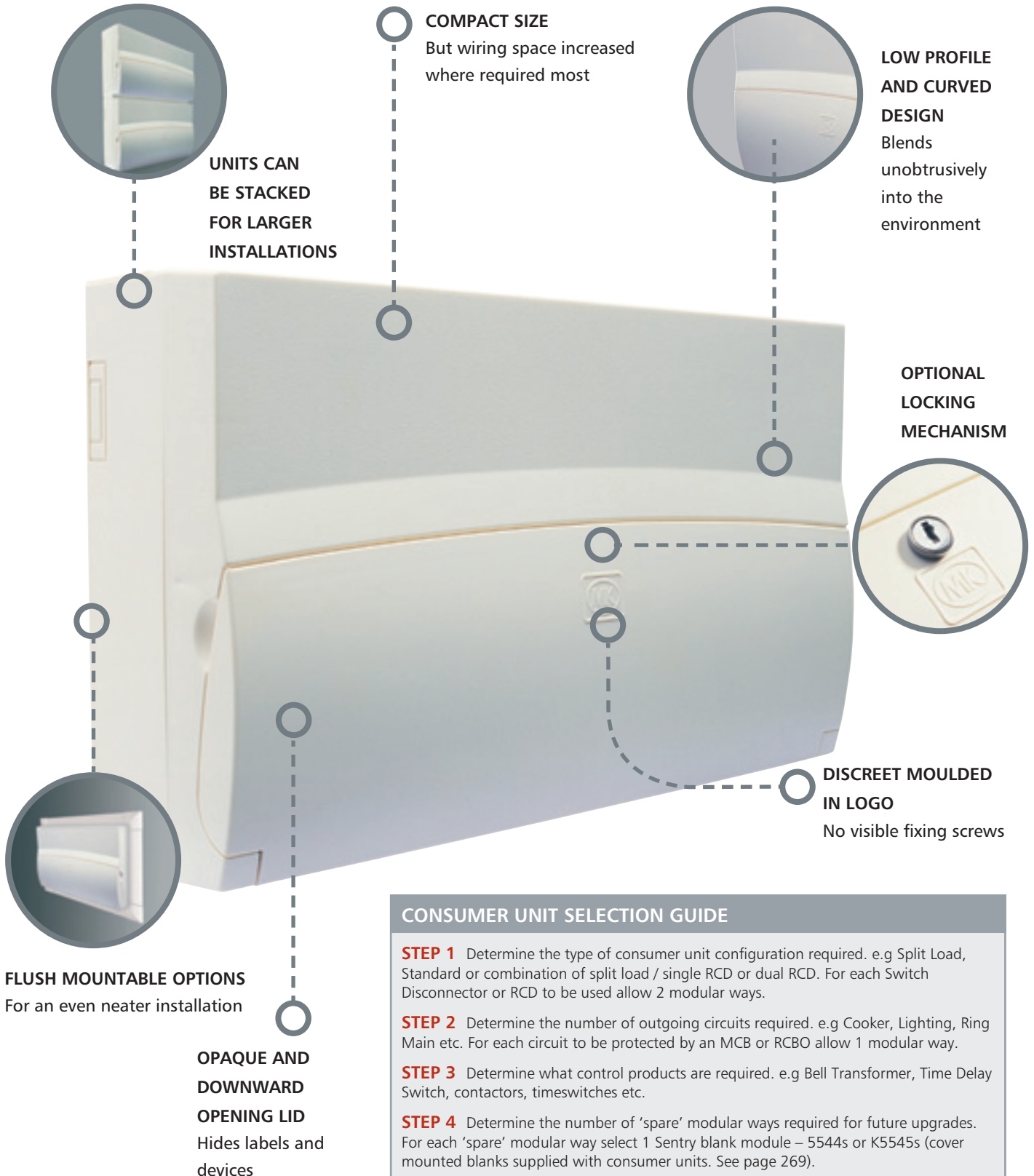
Suits a variety of applications and saves installation time

Stacking options

For larger installations dual rail 24, 32 and 42 module units possible in both insulated and metal

Features and benefits

MK Sentry Consumer Unit



UNITS CAN BE STACKED FOR LARGER INSTALLATIONS

COMPACT SIZE
But wiring space increased where required most

LOW PROFILE AND CURVED DESIGN
Blends unobtrusively into the environment

OPTIONAL LOCKING MECHANISM

DISCREET MOULDED IN LOGO
No visible fixing screws

FLUSH MOUNTABLE OPTIONS
For an even neater installation

OPAQUE AND DOWNWARD OPENING LID
Hides labels and devices

CONSUMER UNIT SELECTION GUIDE

STEP 1 Determine the type of consumer unit configuration required. e.g Split Load, Standard or combination of split load / single RCD or dual RCD. For each Switch Disconnector or RCD to be used allow 2 modular ways.

STEP 2 Determine the number of outgoing circuits required. e.g Cooker, Lighting, Ring Main etc. For each circuit to be protected by an MCB or RCBO allow 1 modular way.

STEP 3 Determine what control products are required. e.g Bell Transformer, Time Delay Switch, contactors, timeswitches etc.

STEP 4 Determine the number of 'spare' modular ways required for future upgrades. For each 'spare' modular way select 1 Sentry blank module – 5544s or K5545s (cover mounted blanks supplied with consumer units. See page 269).

STEP 5 Now add together the total number of modular ways required.

STEP 6 Select from our range of Insulated, Metal, Flush or stacked consumer units (using standard consumer units plus stacking kits). Choose the type and size most appropriate for your requirements.



FLEXIBLE NEUTRAL BAR CONFIGURATION

Enables installer to select a wide combination of protected and unprotected circuits

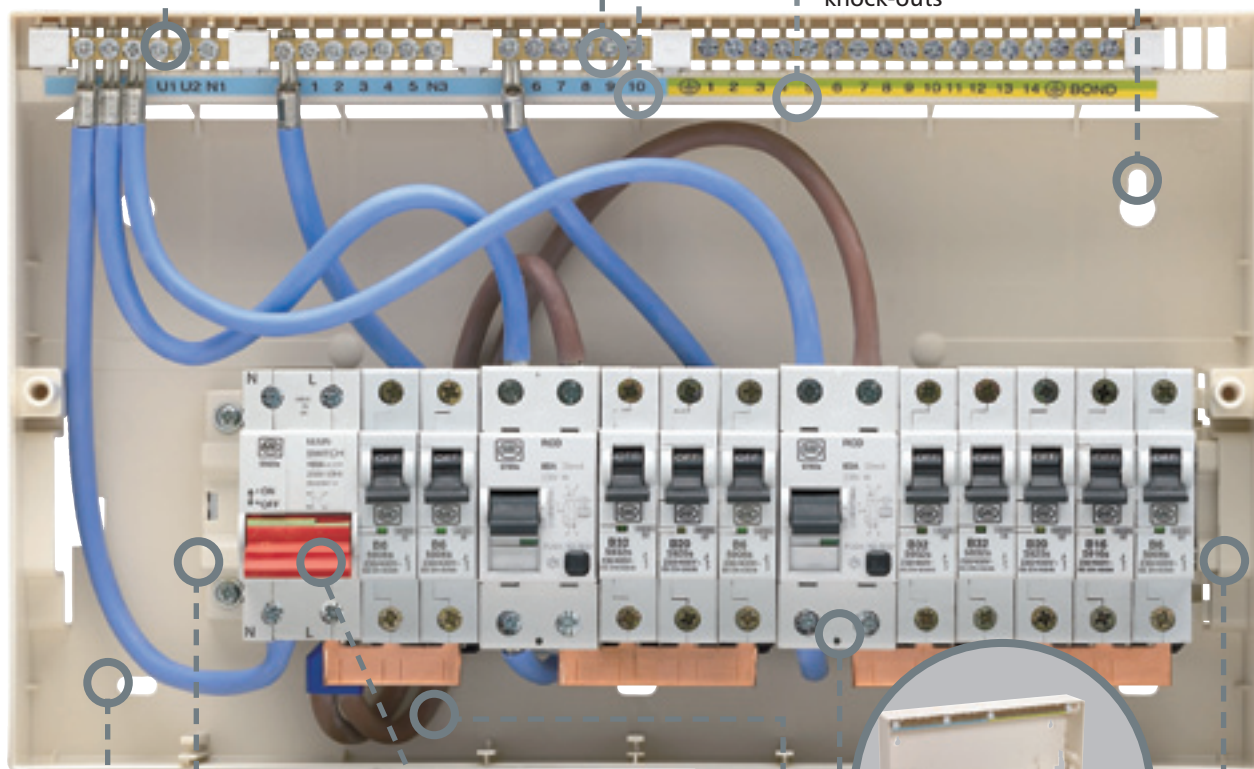


BACKED OUT AND CAPTIVE COMBI-HEAD SCREWS
Allows speedy installation

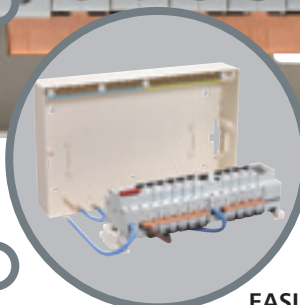
COLOUR CODED EARTH AND NEUTRAL TERMINAL LOCATED AT TOP OF UNIT FOR EASE OF WIRING



AMPLE 360° KNOCK-OUTS FOR CABLE ROUTING
Open cable entry at rear plus optional rear knock-outs



OFFSET INCOMER
Provides additional wiring space making mains input connections easier



FLOATING BUSBAR SYSTEM
For maximum installation flexibility including acceptance of control modules

EASILY REMOVABLE DIN-RAIL
Improves first fix

AMPLE WIRING SPACE

RAISED DIN-RAIL
For improved cable routing



TRIPOD FIXING HOLES

Allow tripod fixing to cope with uneven surfaces. Hole locations allow access for cordless drills and power drivers

STACKING OPTIONS AVAILABLE

For 12, 16 & 21 Module Units ideal for larger applications, or where space may be limited

The MK Electric Design Service

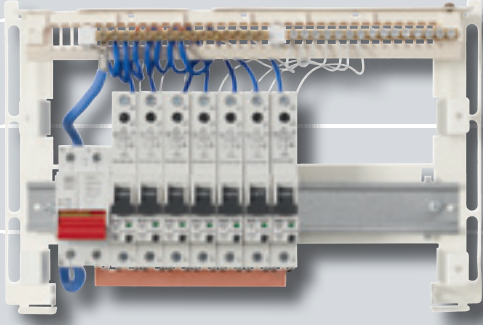
The MK Design Service is perfect for when only a customised solution can meet your requirements, or when fully assembled Consumer Units can be provided for your project to save you installation time.

Our dedicated team can help you to build the best configurations for your project, and then assemble the boards ready for installation. The service is available for all MK Consumer Units – Metalclad, Insulated, Flush and Skeleton. Using standard and non-standard Sentry components we can build and supply fully assembled units to an agreed design. For example, have your split load boards supplied with all the devices pre-fitted with busbars and cables to suit the installation. This service is ideal for housing developers, or any application requiring typically more than twenty units.

- Dedicated team on hand to build configuration to meet your needs
- Service is available for all MK Consumer Units and Skeleton Units
- Ideal for housing developments, or any application requiring typically more than 20 units
- Faster installation time on site
- Fast turnaround – 1 working day response time to initial enquiry

For more information call the MK Electric Technical Services Team on 01268 563720 or visit the website at www.mkelectric.co.uk and follow the links to the Design Service.

STEP 1	Call the MK Electric Technical Services Team on 01268 563720 or visit www.mkelectric.co.uk and follow the links to the Design Service
STEP 2	Discuss the details of your project and Circuit Protection requirements with a member of the MK Technical Services Team or complete the online enquiry and click send
STEP 3	Within one working day you will have a response to your initial enquiry
STEP 4	Confirm the configurations and quantities
STEP 5	Receive the quote for your order
STEP 6	Place your order with your wholesaler
STEP 7	Your order will be delivered to the wholesaler of your choice. All boards will be fully assembled and ready for installation



Features and benefits

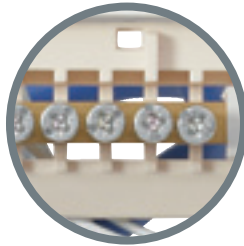
MK Sentry Skeleton Unit



FLEXIBLE NEUTRAL BAR CONFIGURATION

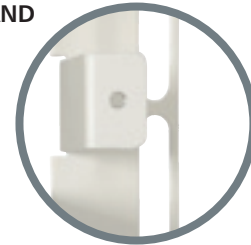
Enables a wide combination of protected and unprotected circuits

SUITABLE FOR USE IN MOST MANTEL AND CLIFTON TYPE ENCLOSURES



BACKED OUT AND CAPTIVE COMBI-HEAD SCREWS

Quick and easy to install

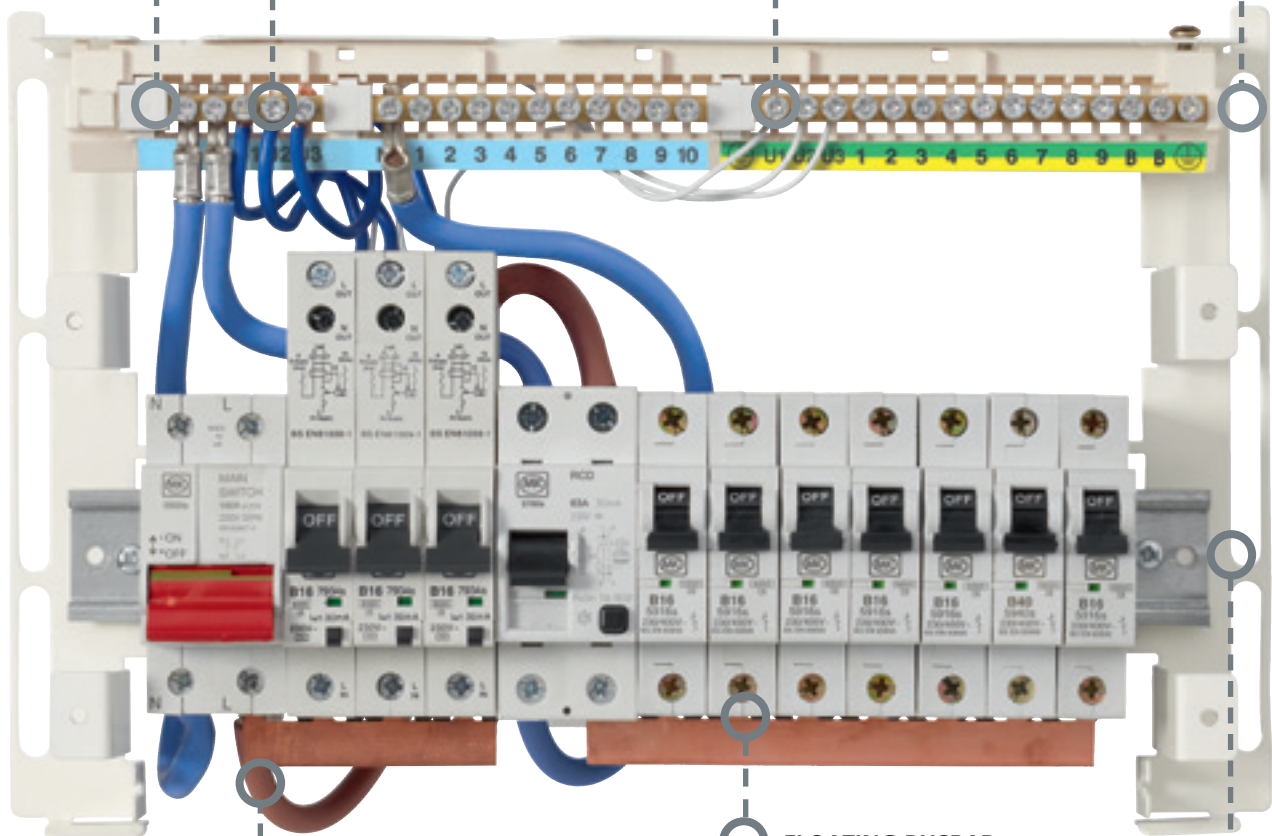


ELONGATED FIXING SLOTS

Allows easy positioning of the unit within the enclosure

RAISED TERMINAL BAR

Allows easier wiring of devices into the terminals



FLOATING BUSBAR SYSTEM

Busbar can be cut according to devices fitted

EASILY REMOVABLE DIN-RAIL

Improves first fix

AMPLE WIRING SPACE

Quick and easy to install

Selecting the right Consumer Unit for your installation

Sentry Consumer Units are designed to be fully flexible and offer a range of configurations.

Independent Circuit Protection

Boards with Switch Disconnectors and RCBOs give maximum protection and potentially less annoyance to the end user. In the event of fault conditions or nuisance tripping the disconnect will only effect the dedicated circuit.

K5612S



Consumer unit options			
Insulated	Metal	Flush	Number of available ways
K5612s	K5512s	K6512s	12
K5616s	K5516s	K6516s	16
K5621s	K5521s	K6521s	21

Typical Enclosure Configuration

SWITCH	RCBO	RCBO	RCBO	RCBO	RCBO	RCBO	RCBO	RCBO	RCBO	RCBO
	Smoke Alarm	Burglar Alarm	Sockets Upstairs	Sockets Downstairs	Shower	Cooker	Lighting Upstairs	Lighting Downstairs	Immersion Heater	Outside Sockets

Split Load Configurations, up to half Independent Circuits

Split load boards with RCDs, MCBs and RCBOs are ideal for protection of key designated circuits, for example upstairs lighting, downstairs lighting, smoke alarms and showers. Configurations shown include a Switch and RCD, with a further 8 and 12 ways respectively.

K5686S



Consumer unit options		
Insulated	Metal	Number of available ways
K5682s	K5582s	8
K5686s	K5586s	12
K5681s	K5581s	17

Some Examples of 8 way Configurations

SWITCH	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	MCB	MCB	SPARE
SWITCH	RCBO	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	MCB	SPARE
SWITCH	RCBO	RCBO	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	MCB

Some Examples of 12 way Configurations

SWITCH	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	MCB	MCB	MCB	SPARE	SPARE	SPARE
SWITCH	RCBO	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	MCB	MCB	MCB	SPARE	SPARE



Dual RCD Protection, with some independent circuits

Dual RCD boards with MCB's and RCBOs give both general and essential protection. The configurations shown include a Switch and 2 RCDs, with a further 10 and 15 ways respectively.

K5681S MAG 17ED



Consumer unit options

Insulated	Metal	Number of available ways
K5666s	K5566s	10
K5686s	K5586s	10
K5681s	K5581s	15
K5683s	K5583s	15

Some Examples of 10 way Configurations

SWITCH	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	RCD	MCB	MCB	MCB	MCB
	Smoke Alarm		Cooker	Kitchen Sockets	Upstairs Sockets	Down Stairs Lights	Under-Floor Heating		Shower	Down Stairs Sockets	Up Stairs Lights	Immersion Heater
SWITCH	RCBO	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	RCD	MCB	MCB	MCB
SWITCH	RCD	MCB	MCB	MCB	MCB	MCB	RCD	MCB	MCB	MCB	MCB	MCB

Some Examples of 15 way Configurations

SWITCH	RCBO	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	MCB	MCB	MCB	RCD	MCB	MCB	MCB	MCB	MCB
	Smoke Alarm	Burglar Alarm		Shower	Upstairs Sockets	Kitchen Sockets	Outside Sockets	Down stairs Lights	Garage	Immersion Heater			Cooker	Down stairs Sockets	Upstairs Lights	Outside Sockets	
SWITCH	RCBO	RCD	MCB	MCB	MCB	MCB	MCB	MCB	MCB	MCB	MCB	MCB	RCD	MCB	MCB	MCB	MCB
SWITCH	RCD	MCB	MCB	MCB	MCB	MCB	MCB	MCB	MCB	MCB	MCB	RCD	MCB	MCB	MCB	MCB	MCB

Selection Chart

Switch
Disconnecter

MCB
Single
Pole
Type B

Type C

RCBO
with Solid
Neutral
Type B

30mA

RCD
110V
Double
Pole

10mA

30mA

RCD
230V
Double
Pole

10mA

30mA

MODULES

TWO

ONE

ONE

ONE

TWO

TWO

TWO

TWO

RATING



3A

5903s

8703s

6A

5906s

8706s

7932s

10A

5910s

8710s

7933s

16A

5916s

8716s

7934s

6016s

6416s

6316s

5716s

20A

5920s

8720s

7935s

25A

32A

5932s

8732s

7936s

6032s

6730s

40A

5940s

8740s

7937s

5740s

45A

5945s

8745s

7938s

50A

5950s

8750s

7939s

63A

5560s

5760s

80A

5780s

100A

5500s

7700s

SPLIT-LOAD CONFIGURATION

A full range of pre-assembled units are available, however if they do not fit your requirements, Sentry Consumer units can be configured to numerous split-load or multi-incomer configurations, by cutting the floating busbar and removing the 'U' links between the terminal bars.

The maximum number of switched or RCD ways available to a Consumer unit is dependent on the neutral terminal bar arrangement. eg. K5621s can become a split-load board by removing one 'U' link between neutral bars and having up to 14 ways switched and up to 3 ways protected by the RCD, or up to 17 ways protected and up to 3 ways switched.

TERMINAL BAR CONFIGURATION

	Modules Empty	Earth Terminals		Neutral Terminals		Total Ways	Unprotected	RCD1	RCD2	RCD3
		Circuits	Bond	Total	Separate Blocks					
K5604s	4	4	1	4	1	2	2	n/a	n/a	n/a
K5608s	8	8	2	8	1	6	6	n/a	n/a	n/a
K5612s	12	12	3	15	6 + 9	8	3 or 10*	8	n/a	n/a
K5616s	16	14	3	19	6 + 7 + 6	16	2 or 7 or 14*	5	5	n/a
K5621s	21	18	3	27	7 + 7 + 7 + 6	21	2 or 17 or 18*	5	5	3
K5504s	4	4	1	4	1	2	2	n/a	n/a	n/a
K5508s K6508s	8	8	2	8	1	6	6	n/a	n/a	n/a
K5512s K6512s	12	12	3	15	6 + 9	8	3 or 10*	8	n/a	n/a
K5516s K6516s	16	14	3	19	6 + 7 + 6	16	2 or 7 or 14*	5	5	n/a
K5521s K6521s	21	18	3	27	7 + 7 + 7 + 6	21	2 or 17 or 18*	5	5	3

* Dependant on RCDs fitted

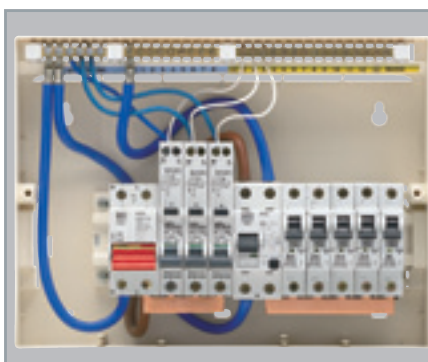
Note: Additional Terminal labels supplied on main sheet to support alternative terminal configurations



Note: Only suitable as standalone devices, in Sentry four module enclosures and Commando Combi

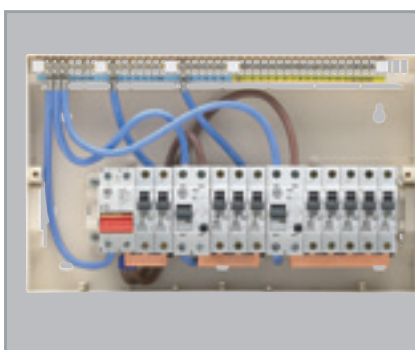
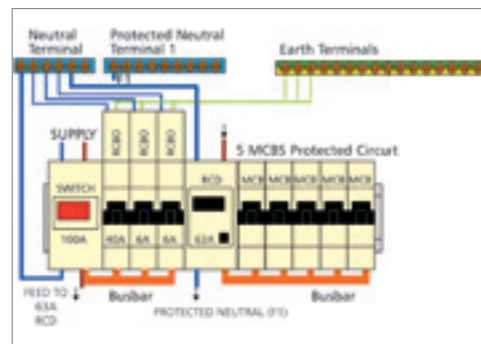
100mA		300mA		RCD Pulsating DC Fault Current Sensitive		10mA		30mA		RCD Time Delayed 230V Double Pole		100mA		RCD 230/400V Four Pole		30mA		100mA		300mA	
TWO		TWO		TWO		TWO		TWO		TWO		FOUR		FOUR		FOUR		FOUR		FOUR	

																						RATING	
																							3A
																							6A
																							10A
																							16A
																							20A
																							25A
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																							45A
																							50A
																							63A
																							80A
																							100A



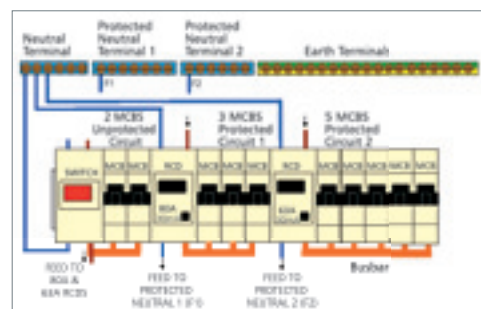
TO BUILD A SPLIT LOAD RCD CONSUMER UNIT WITH RCBOs e.g. 3+5 split-load

- Requires:**
K5612s Insulated Consumer Unit, 12 Mod
K5563s Split Load Cable Kit
5500s Switch Disconnecter
5780s RCD, 80A 30mA
 Select up to 3 RCBOs and 5 MCBS.



TO BUILD A DUAL RCD CONSUMER UNIT e.g. 2 + 3 + 5 split-load

- Requires:**
K5616s Insulated Consumer Unit, 12 Mod
K5568s Split Load Cable Kit twin RCD arrangement
5500s Switch Disconnecter
5780s RCD, 80A 30mA
5760s RCD, 63A 30mA
 Select up to 10 MCBS.



Consumer Units

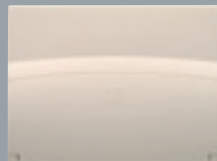
METAL
SURFACE



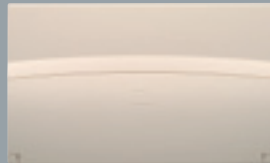
K5504s



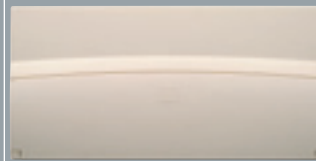
K5508s



K5512s



K5516s



K5521s

K5504s
ACCEPTS 4
ONE MODULE PRODUCTS
(1 INTEGRAL NEUTRAL BAR)

1

K5508s
ACCEPTS 8
ONE MODULE PRODUCTS
(1 INTEGRAL NEUTRAL BAR)

1

All units are magnolia coloured.

All units feature an enclosure box of welded construction finished in a tough coating of polyester epoxy paint containing ample knockouts in top, bottom, side and rear surfaces.

The units have an impact resistant, flame retardant, thermoplastic cover and lid.

Dual rail units are available for the 12, 16 and 21 module units to enable single tariff and split load (up to 80A) using Stacking Kits K6061s, K6062s and K6063s respectively in between the units.

Degree of Protection to BS EN 60529 to IP2X C

Precautions must be taken to maintain the IP rating, e.g. use of cable glands and knockouts

BS EN 60439-3: 1999

K5512s
ACCEPTS 12
ONE MODULE PRODUCTS
(2 INTEGRAL NEUTRAL BARS
FITTED WITH LINK)

1

K5516s
ACCEPTS 16
ONE MODULE PRODUCTS
(2 INTEGRAL NEUTRAL BARS
FITTED WITH LINK)

1

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K5504s:	140	x 230	x 110mm
K5508s:	234	x 230	x 110mm
K5512s:	306	x 230	x 110mm
K5516s:	378	x 230	x 110mm
K5521s:	468	x 230	x 110mm

Thickness of all Stacking Kits: 15mm

Main incomer maximum rating
K5604s and K5504s: 63A

All other consumer units: 100A

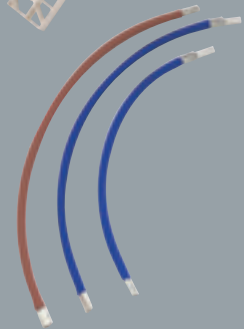
Cover mounted blanks are supplied with ALL consumer units
(2 off x 1 for 4, 8 and 12 module and
2 off x 2 for 16 and 21 module)

Stacking Kits

FOR METAL AND INSULATED
CONSUMER UNITS



K6063s



K5561s

K6061s
SUITABLE FOR USE WITH
12 MODULE UNITS

1

K6062s
SUITABLE FOR USE WITH
16 MODULE UNITS

1

K6063s
SUITABLE FOR USE WITH
21 MODULE UNITS

1

K5561s
CABLE KIT FOR STACKED
SENTRY UNITS

1

DUAL RAIL UNITS CAN BE CREATED USING 12, 16 AND 21 MODULE UNITS AND THE APPROPRIATE STACKING KIT.

Ideal for large applications or if additional capacity is required or for dual tariff applications.

K6061s, K6062s, K6063s
Enables two consumer units to be stacked (joined together) to form one integral consumer unit. Includes frame nuts, bolts and earth cable (for bonding earth terminal bars together).

Knockout holes in the base and top of consumer units align, allowing cables to pass through easily.

K5561s
Includes 3 cables (2 neutral and 1 live) for use when electronically connecting the upper and lower units of a stacking assembly for either main incomer or split load arrangements.

This kit must be used to ensure compliance with BS EN 60439-3: 1999.



Assembly using a stacking kit

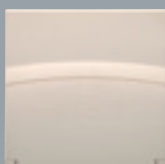


Consumer Units

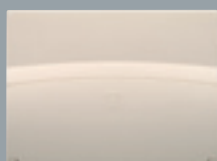
INSULATED SURFACE



K5604s



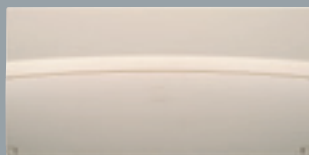
K5608s



K5612s



K5616s



K5621s

METAL FLUSH



K6508s



K6512s



K6516s



K6521s

K5604s

ACCEPTS 4 ONE MODULE PRODUCTS (1 INTEGRAL NEUTRAL BAR)

K5608s

ACCEPTS 8 ONE MODULE PRODUCTS (1 INTEGRAL NEUTRAL BAR)

All units are magnolia coloured.

All units feature a robust base together with an all over front cover and moulded lid in an impact resistant, flame retardant thermoplastic. Cable entry points are located on top, bottom, side and rear surfaces.

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K5604s:	140 x	230 x	110mm
K5608s:	234 x	230 x	110mm
K5612s:	306 x	230 x	110mm
K5616s:	378 x	230 x	110mm
K5621s:	468 x	230 x	110mm

Main incomer maximum rating
K5604s and K5504s: 63A

All other consumer units: 100A

1

K5612s

ACCEPTS 12 ONE MODULE PRODUCTS (2 INTEGRAL NEUTRAL BARS FITTED WITH LINK)

1

K5616s

ACCEPTS 16 ONE MODULE PRODUCTS (2 INTEGRAL NEUTRAL BARS FITTED WITH LINK)

K5621s

ACCEPTS 21 ONE MODULE PRODUCTS (3 INTEGRAL NEUTRAL BARS FITTED WITH LINKS)

Degree of protection to BS EN 60529 to IP2XC.

Precautions must be taken to maintain the IP rating, e.g. use of cable glands and knockouts.

BS EN 60439-3: 1999

1

K6508s

ACCEPTS 8 ONE MODULE PRODUCTS (1 INTEGRAL NEUTRAL BAR)

1

K6512s

ACCEPTS 12 ONE MODULE PRODUCTS (2 INTEGRAL NEUTRAL BARS FITTED WITH LINK)

1

All units feature a tough galvanised metal box for insertion into the wall cavity, which can be secured at the rear or panel-mounted using the brackets supplied. The DIN rail embodies a useful alignment adjusting mechanism to make for a speedy installation. The units have an impact resistant, flame retardant, thermoplastic cover, lid and a flush moulded frame is supplied to overlap the exposed cavity to produce a smooth line between unit and wall.

Degree of protection to BS EN 60529 to IP2XC.

Precautions must be taken to maintain the IP rating, e.g. use of cable glands and knockouts.

1

K6516s

ACCEPTS 16 ONE MODULE PRODUCTS (2 INTEGRAL NEUTRAL BARS FITTED WITH LINK)

1

K6521s

ACCEPTS 21 ONE MODULE PRODUCTS (3 INTEGRAL NEUTRAL BARS FITTED WITH LINKS)

BS EN 60439-3: 1999

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K6508s:	234 x	230 x	106.5mm
K6512s:	306 x	230 x	106.5mm
K6516s:	378 x	230 x	106.5mm
K6521s:	468 x	230 x	106.5mm

Flush frame adds 38mm per side to the unit

WALL CAVITY DIMENSIONS:

	WIDTH	HEIGHT	DEPTH (min)
K6508s:	245 x	235 x	67mm
K6512s:	315 x	235 x	67mm
K6516s:	390 x	235 x	67mm
K6521s:	480 x	235 x	67mm

Depth of flush consumer unit visible on wall: 50mm

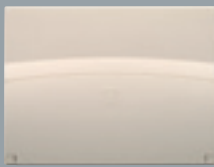
FACTORY BUILT SERVICE
MK can save you time and money by pre-assembling Consumer units with your required Sentry components

Cover mounted blanks are supplied with ALL consumer units (2 off x 1 for 4, 8 and 12 module and 2 off x 2 for 16 and 21 module)

Consumer Units

WITH SPLIT-LOAD SINGLE
RCD ARRANGEMENTS
METAL
SURFACE

WITH SPLIT-LOAD SINGLE
RCD ARRANGEMENTS
INSULATED
SURFACE



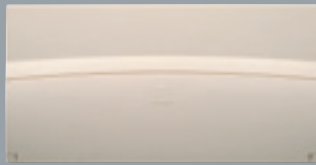
K5582s



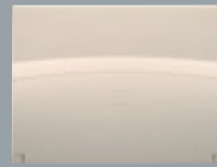
K5566s



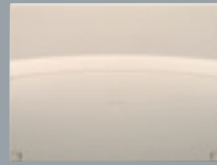
K5586s



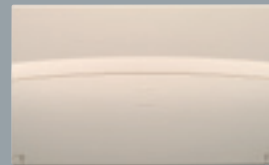
K5581s



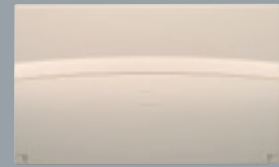
K5682s



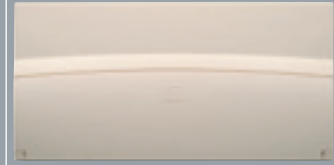
K5662s



K5666s



K5686s



K5681s

K5582s 1
100A SWITCH DISCONNECTOR AND
63A 30mA RCD. ACCEPTS A FURTHER 8
ONE MODULE PRODUCTS IN ANY
CONFIGURATION OF RCD PROTECTED AND
UNPROTECTED CIRCUITS BETWEEN
1/6 AND 6/1

K5566s 1
100A SWITCH DISCONNECTOR AND
63A 30mA RCD. ACCEPTS A FURTHER 12
ONE MODULE PRODUCTS IN ANY
CONFIGURATION OF RCD PROTECTED AND
UNPROTECTED CIRCUITS BETWEEN
1/8 AND 8/1

All units are magnolia coloured.
All units are pre-fitted with a switch
disconnecter and RCD together with all
necessary split-load cabling. The flexibility of
design allows the RCD to be positioned to suit
the required configuration of RCD protected
and non-protected circuits, subject to the
rating of either the switch or RCD not being
exceeded. MK recommends the use of RCBOs
for non RCD protected circuits to comply with
the 17th Edition of the Wiring Regulations.

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K5582s:	306	x 230	x 110mm
K5566s:	378	x 230	x 110mm
K5586s:	378	x 230	x 110mm
K5581s:	468	x 230	x 110mm

K5586s 1
100A SWITCH DISCONNECTOR AND
80A 30mA RCD. ACCEPTS A FURTHER 12
ONE MODULE PRODUCTS IN ANY
CONFIGURATION OF RCD PROTECTED AND
UNPROTECTED CIRCUITS BETWEEN
1/8 AND 8/1

K5581s 1
100A SWITCH DISCONNECTOR AND
80A 30mA RCD. ACCEPTS A FURTHER 17
ONE MODULE PRODUCTS IN ANY
CONFIGURATION OF RCD PROTECTED AND
UNPROTECTED CIRCUITS BETWEEN
1/14 AND 14/1

Degree of Protection to
BS EN 60529 to IP2XC
Precautions must be taken to maintain
the IP rating e.g. use of cable glands and
knockouts
BS EN 60439-3: 1999

Cover mounted blanks are supplied
with ALL consumer units
(2 off x 1 for 4, 8 and 12 module and
2 off x 2 for 16 and 21 module)

K5682s 1
100A SWITCH DISCONNECTOR AND
63A 30mA RCD. ACCEPTS A FURTHER 8
ONE MODULE PRODUCTS IN ANY
CONFIGURATION OF RCD PROTECTED &
UNPROTECTED CIRCUITS BETWEEN
1/6 AND 6/1

K5662s 1
100A SWITCH DISCONNECTOR AND
80A 30mA RCD. ACCEPTS A FURTHER 8
ONE MODULE PRODUCTS IN ANY
CONFIGURATION OF RCD PROTECTED &
UNPROTECTED CIRCUITS BETWEEN
1/6 AND 6/1

K5666s 1
100A SWITCH DISCONNECTOR AND
63A 30mA RCD. ACCEPTS A FURTHER 12
ONE MODULE PRODUCTS IN ANY
CONFIGURATION OF RCD PROTECTED &
UNPROTECTED CIRCUITS BETWEEN
1/8 AND 8/1

All units are magnolia coloured.
All units are pre-fitted with a switch
disconnecter and RCD together with all
necessary split load cabling. The flexibility
of design allows the RCD to be positioned
to suit the required configuration of RCD
protected and non-protected circuits, subject
to the rating of either the switch or RCD not
being exceeded.
MK recommends the use of RCBOs for
non RCD protected circuits to comply with
the 17th Edition of the Wiring Regulations.

K5686s 1
100A SWITCH DISCONNECTOR AND
80A 30mA RCD. ACCEPTS A FURTHER 12
ONE MODULE PRODUCTS IN ANY
CONFIGURATION OF RCD PROTECTED &
UNPROTECTED CIRCUITS BETWEEN
1/8 AND 8/1

K5681s 1
100A SWITCH DISCONNECTOR AND
80A 30mA RCD. ACCEPTS A FURTHER 17
ONE MODULE PRODUCTS IN ANY
CONFIGURATION OF RCD PROTECTED &
UNPROTECTED CIRCUITS BETWEEN
14/1 AND 1/14

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K5682s:	306	x 230	x 110mm
K5662s:	306	x 230	x 110mm
K5666s:	378	x 230	x 110mm
K5686s:	378	x 230	x 110mm
K5681s:	468	x 230	x 110mm

Degree of protection to BS EN 60529:1992
IP2XC
Precautions must be taken to maintain the
IP rating. eg. correct use of cable glands and
knockouts
BS EN 60439-3: 1999

FACTORY BUILT SERVICE
MK can save you time and money by
pre-assembling Consumer units
with your required Sentry components



WITH SPLIT LOAD
DUAL/TRIPLE RCD
ARRANGEMENT
METAL
SURFACE

WITH SPLIT LOAD
DUAL/TRIPLE RCD
ARRANGEMENT
INSULATED
SURFACE



K5566s MAG 17ED



K5586s MAG 17ED



K5581s MAG 17ED



K5583s MAG 17ED



K5584s MAG 17ED



K5666s MAG 17ED



K5686s MAG 17ED



K5681s MAG 17ED



K5683s MAG 17ED



K5684s MAG 17ED

K5566s MAG 17ED 1
100A SWITCH DISCONNECTOR AND 2 X 63A 30MA RCDS. ACCEPTS A FURTHER 10 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS ACROSS RCD 1 - UP TO 5, RCD 2 - UP TO 5, UNPROTECTED - UP TO 2

K5586s MAG 17ED 1
100A SWITCH DISCONNECTOR 80A AND 63A 30MA RCDS. ACCEPTS A FURTHER 10 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS ACROSS RCD 1 - UP TO 5, RCD 2 - UP TO 5, UNPROTECTED - UP TO 2

All units are magnolia coloured. All units are pre-fitted with a switch disconnecter and either two or three RCDs together with all necessary split-load cabling. All units have the capacity to substitute Protected with Unprotected circuits for use with fridges, freezers, burglar alarms and other critical circuits. MK recommends the use of RCBOs for non RCD protected circuits to comply with the 17th Edition of the Wiring Regulations.

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K5566s MAG 17ED:	378	x 230	x 110mm
K5586s MAG 17ED:	378	x 230	x 110mm
K5581s MAG 17ED:	468	x 230	x 110mm
K5583 MAG 17ED s:	468	x 230	x 110mm
K5584 MAG 17ED s:	468	x 230	x 110mm

K5581s MAG 17ED 1
100A SWITCH DISCONNECTOR, 80A AND 63A 30MA RCDS. ACCEPTS A FURTHER 15 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS ACROSS RCD 1 - UP TO 11, RCD 2 - UP TO 8, UNPROTECTED - UP TO 2

K5583s MAG 17ED 1
100A SWITCH DISCONNECTOR AND 2 X 63A 30MA RCDS. ACCEPTS A FURTHER 15 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS ACROSS RCD 1 - UP TO 11, RCD 2 - UP TO 8, UNPROTECTED - UP TO 2

K5584s MAG 17ED 1
100A SWITCH DISCONNECTOR, 2 X 63A AND ONE 40A 30MA RCDS. ACCEPTS A FURTHER 13 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS ACROSS RCD 1 - UP TO 5, RCD 2 - UP TO 5, RCD 3 - UP TO 3, UNPROTECTED - UP TO 2

Degree of Protection to BS EN 60529 to IP2XC
Precautions must be taken to maintain the IP rating e.g. use of cable glands and knockouts BS EN 60439-3: 1999

K5666s MAG 17ED 1
100A SWITCH DISCONNECTOR AND 2 X 63A 30MA RCDS. ACCEPTS A FURTHER 10 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS ACROSS RCD 1 - UP TO 5, RCD 2 - UP TO 5, UNPROTECTED - UP TO 2

K5686s MAG 17ED 1
100A SWITCH DISCONNECTOR 80A AND 63A 30MA RCDS. ACCEPTS A FURTHER 10 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS ACROSS RCD 1 - UP TO 5, RCD 2 - UP TO 5, UNPROTECTED - UP TO 2

All units are magnolia coloured. All units are pre-fitted with a switch disconnecter and either two or three RCDs together with all necessary split-load cabling. All units have the capacity to substitute Protected with Unprotected circuits for use with fridges, freezers, burglar alarms and other critical circuits. MK recommends the use of RCBOs for non RCD protected circuits to comply with the 17th Edition of the Wiring Regulations.

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
K5666s MAG 17ED:	378	x 230	x 110mm
K5686s MAG 17ED:	378	x 230	x 110mm
K5681s MAG 17ED:	468	x 230	x 110mm
K5683s MAG 17ED:	468	x 230	x 110mm
K5684s MAG 17ED:	468	x 230	x 110mm

K5681s MAG 17ED 1
100A SWITCH DISCONNECTOR, 80A AND 63A 30MA RCDS. ACCEPTS A FURTHER 15 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS ACROSS RCD 1 - UP TO 11, RCD 2 - UP TO 8, UNPROTECTED - UP TO 2

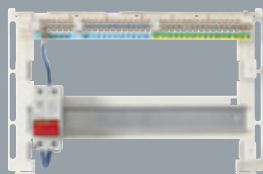
K5683s MAG 17ED 1
100A SWITCH DISCONNECTOR AND 2 X 63A 30MA RCDS. ACCEPTS A FURTHER 15 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS ACROSS RCD 1 - UP TO 11, RCD 2 - UP TO 8, UNPROTECTED - UP TO 2

K5684s MAG 17ED 1
100A SWITCH DISCONNECTOR, TWO 63A AND ONE 40A 30MA RCDS. ACCEPTS A FURTHER 13 ONE MODULE PRODUCTS IN ANY CONFIGURATION OF RCD PROTECTED AND UNPROTECTED CIRCUITS ACROSS RCD 1 - UP TO 5, RCD 2 - UP TO 5, RCD 3 - UP TO 3, UNPROTECTED - UP TO 2

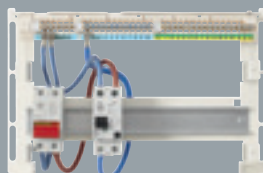
Degree of Protection to BS EN 60529 to IP2XC
Precautions must be taken to maintain the IP rating e.g. use of cable glands and knockouts BS EN 60439-3: 1999

Skeleton Units

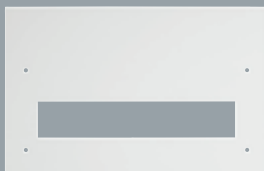
FOR MOUNTING IN A
MANTEL/CLIFTON TYPE
ENCLOSURE



K6000s



K6001s



Both K6000s and K6001s are supplied with a 2 piece cover

Enclosures

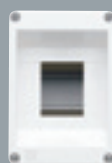
IP65
WEATHERPROOF
ENCLOSURE



5702s



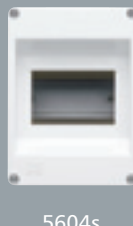
5704s



5502s



5504s



5604s

Switch Disconnectors Double Pole

TWO MODULE



5500s



5560s

K6000s

1 INCLUDES 1 X 100A SWITCH DISCONNECTOR
ACCEPTS A FURTHER 12 ONE MODULE
PRODUCTS IN ANY CONFIGURATION OF RCD
PROTECTED AND UNPROTECTED CIRCUITS
BETWEEN 2/10 AND 10/2 (NOTE RCDS TAKE
TWO SPACES)
1 INTEGRAL NEUTRAL BAR

K6001s

1 INCLUDES 1 X 100A SWITCH DISCONNECTOR
AND 1 X 63A 30MA RCD
ACCEPTS A FURTHER 10 ONE MODULE
PRODUCTS IN ANY CONFIGURATION OF RCD
PROTECTED AND UNPROTECTED CIRCUITS
BETWEEN 2/8 AND 8/2 (NOTE RCDS TAKE TWO
SPACES)

These units are suitable for use in most Mantel and Clifton type enclosures. Factory assembled units are available for specific installations.

DIMENSIONS WITH COVER:

	WIDTH	HEIGHT	DEPTH
K6000s:	333 x	216 x	65mm
K6001s:	333 x	216 x	65mm

Degree of Protection to
BS EN 60529:1992 IP30

Precautions must be taken to maintain the IP rating, eg. correct use of cable glands and knockouts.

BS EN 60439-3:1999

5702s

1 WEATHERPROOF
COMPLETE WITH NEUTRAL AND
EARTH TERMINAL BLOCK
ACCEPTS UP TO 4 MODULES

5704s

1 WEATHERPROOF
COMPLETE WITH NEUTRAL AND
EARTH TERMINAL BLOCK
ACCEPTS UP TO 8 MODULES

Typical applications for enclosures are house extensions, garages and small workshops. These enclosures will accommodate two or four module Sentry RCDs or a combination of Sentry modules, excluding contactors and RCBOs.

DIMENSIONS:

	WIDTH	HEIGHT	DEPTH
5702S:	123 x	200 x	112mm
5704S:	195 x	200 x	112mm
5502S:	130 x	90 x	90mm
5504S:	188 x	121 x	74mm
5604S:	150 x	110 x	90mm

5502s

1 INSULATED COMPLETE WITH
MOUNTING RAIL, NEUTRAL
AND EARTH TERMINALS
TWO MODULE

5504s

1 METAL
WITH MOUNTING RAIL,
EARTH TERMINALS AND
MOULDED FRONT PLATE
FOUR MODULE

5604s

1 INSULATED
WITH MOUNTING RAIL,
TWO INTEGRAL BLANKING PLATES
AND TAMPER-PROOFING
COMPONENTS
FOUR MODULE

Degree of Protection to
BS EN 60529:1992

5702s: IP65
5704s: IP65
5502s: IP30
5504s: IP30
5604s: IP30

Precautions must be taken to maintain the IP rating, eg. correct use of cable glands and knockouts

IP65 enclosures to EN 60670

5500s

1 100A 230V

5560s

1 63A 230V

5500s

5560s

5500s

Suitable for installation in Sentry Consumer Units and two or four module enclosures. Accepts direct to busbar or cable-in / cable-out connection. Category of duty: AC22A for switching of resistive and inductive loads.

Positive contact status indication in accordance with 17th Edition IEE Wiring Regulations (537.2.2.2 and 537.3.2.2)

DIMENSIONS:
81 x 36 x 76mm

CABLE CAPACITY:
50mm²

BS EN 60947-3: 1999



MK Sentry MCBs, RCBOs & RCDs

MCBs Single Pole

TYPE B ONE MODULE



5903s



5906s



5920s



5940s



5910s



5916s



5945s



5950s

5903s
3A 230V

10

5906s
6A 230V

10

5910s
10A 230V

10

5916s
16A 230V

10

5920s
20A 230V

10

5932s
32A 230V

10

5940s
40A 230V

10

5945s
45A 230V

10

5950s
50A 230V

10

Suitable for installation in Sentry Consumer Units and two or four module enclosures.

Switch mid-trip position indicates fault.

Positive contact status indication in accordance with 17th Edition IEE Wiring Regulations (537.2.2.2 and 537.3.2.2)

DIMENSIONS:
83 x 18 x 74mm

CABLE CAPACITY:
3, 6, 10, 16A: 35mm²

Short-circuit breaking capacity: 6KA

BS EN 60898: 2003

Suitable for installation in Sentry Consumer Units and two or four module enclosures.

Switch mid-trip position indicates fault.

Positive contact status indication in accordance with 17th Edition IEE Wiring Regulations (537.2.2.2 and 537.3.2.2)

DIMENSIONS:
83 x 18 x 74mm

CABLE CAPACITY:
20, 32, 40, 50A : 35mm²

Short-circuit breaking capacity: 6KA

BS EN 60898: 2003

TYPE C ONE MODULE



8703s



8706s



8720s



8732s



8710s



8716s



8740s



8750s

8703s
3A 230V

10

8706s
6A 230V

10

8710s
10A 230V

10

8716s
16A 230V

10

Suitable for installation in Sentry Consumer Units and two or four module enclosures.

Switch mid-trip position indicates fault.

Positive contact status indication in accordance with 17th Edition IEE Wiring Regulations (537.2.2.2 and 537.3.2.2)

DIMENSIONS:
83 x 18 x 74mm

CABLE CAPACITY:
3, 6, 10, 16A: 35mm²

Short-circuit breaking capacity: 6KA

BS EN 60898: 2003

Suitable for installation in Sentry Consumer Units and two or four module enclosures.

Switch mid-trip position indicates fault.

Positive contact status indication in accordance with 17th Edition IEE Wiring Regulations (537.2.2.2 and 537.3.2.2)

DIMENSIONS:
83 x 18 x 74mm

CABLE CAPACITY:
20, 32, 40, 50A : 35mm²

Short-circuit breaking capacity: 6KA

BS EN 60898: 2003

RCBOs With Solid Neutral Single Pole

TYPE B ONE MODULE



7932s



7933s



7934s



7935s



7936s



7937s



7938s



7939s

7932s
6A 230V
30mA
TRIPPING CURRENT

1

7933s
10A 230V
30mA
TRIPPING CURRENT

1

7934s
16A 230V
30mA
TRIPPING CURRENT

1

7935s
20A 230V
30mA TRIPPING CURRENT

1

7936s
32A 230V
30mA TRIPPING CURRENT

1

7937s
40A 230V
30mA TRIPPING CURRENT

1

7938s
45A 230V
30mA TRIPPING CURRENT

1

7939s
50A 230V
30mA TRIPPING CURRENT

1

BS EN 61009-1
BS IEC61009-2-2

MK Sentry MCBs, RCBOs & RCDs

RCDs Double Pole

16 AMP
TWO MODULE



6016s



5716s

32 AMP
TWO MODULE



6032s



6730s

40 AMP
TWO MODULE



5740s

63 AMP
TWO MODULE



5760s



6160s

6016s
16A 110V
10mA TRIPPING CURRENT

6416s
16A 110V
30mA TRIPPING CURRENT

6316s
16A 230V
10mA TRIPPING CURRENT

5716s
16A 230V
30mA TRIPPING CURRENT

1 **6032s**
32A 110V
30mA TRIPPING CURRENT

1 **6730s**
32A 230V
30mA TRIPPING CURRENT

1

1

1 **5740s**
40A 230V
30mA TRIPPING CURRENT

1

1 **5760s**
63A 230V
30mA TRIPPING CURRENT

1 **6160s**
63A 230V
100mA TRIPPING CURRENT

1 **5860s**
63A 230V
300mA TRIPPING CURRENT

Suitable for installation in Sentry Consumer Units and two or four module enclosures.

Positive contact status indication in accordance with 17th Edition IEE Wiring Regulations (537.2.2.2 and 537.3.2.2)

DIMENSIONS:
85 x 36 x 75mm

CABLE CAPACITY:
50mm²

BS EN 61008: 1995





RCDs Double Pole

80 AMP
TWO MODULE



5780s



5880s

5780s
80A 230V

30mA TRIPPING CURRENT

6180s
80A 230V
100mA TRIPPING CURRENT

5880s
80A 230V
300mA TRIPPING CURRENT

6080s
80A 110V
30mA TRIPPING CURRENT

1

7700s
100A 230V
30mA TRIPPING CURRENT

1

6600s
100A 230V
100mA TRIPPING CURRENT

1

7800s
100A 230V
300mA TRIPPING CURRENT

1

Suitable for installation in Sentry Consumer Units and two or four module enclosures.

Positive contact status indication in accordance with 17th Edition IEE Wiring Regulations (537.2.2.2 and 537.3.2.2)

Dimension
85 x 36 x 75mm

CABLE CAPACITY:
50mm²

BS EN 61008:1995

RCDs Pulsating D.C. Fault Current Sensitive Double Pole

TWO MODULE



6216s



6716s



5640s



6630s



5660s

6216s
16A 230V
10mA TRIPPING CURRENT

1

6716s
16A 230V
30mA TRIPPING CURRENT

1

6630s
16A 230V
30mA TRIPPING CURRENT

1

Suitable for installation in Sentry Consumer Units and two or four module enclosures.

Positive contact status indication in accordance with 17th Edition IEE Wiring Regulations (537.2.2.2 and 537.3.2.2)

DIMENSIONS:
85 x 36 x 75mm

CABLE CAPACITY:
50mm²

BS EN 61008:1995

1

6630s
32A 230V
30mA TRIPPING CURRENT

1

5640s
40A 230V
30mA TRIPPING CURRENT

5660s
63A 230V
30mA TRIPPING CURRENT

RCDs Time Delayed Double Pole

TWO MODULE



6980s



6400s

1

6980s
80A 230V
100mA TRIPPING CURRENT
TIME DELAYED

1

6400s
100A 230V
100mA TRIPPING CURRENT
TIME DELAYED

1

**NOT TO BE USED FOR
PERSONAL PROTECTION
AGAINST ELECTRIC SHOCK**

Suitable for installation in Sentry Consumer Units and Four Module enclosures. When used as a mains incomer these units will provide discrimination with downstream instantaneously operating 10mA or 30 mA RCD's. For example, they can be used as main incomers on split load consumer units where it is not desirable, because of the possibility of unwanted tripping, to place all of the circuits on an instantaneous 30mA RCD, but where earth leakage protection is still required for these circuits or where compliance is required to the indirect contact protection requirements of the IEE wiring regulations.

DIMENSIONS: 81 x 36 x 76mm
CABLE CAPACITY: 50mm²
BS EN 61008:1995

FACTORY BUILT SERVICE
MK can save you time and money by pre-assembling Consumer units with your required Sentry components

MK Sentry MCBs, RCBOs & RCDs

RCDs
Four Pole

RCD Pulsating D.C.
Fault Current
Sensitive
Four Pole

25 AMP
FOUR MODULE

40 AMP
FOUR MODULE

63 AMP
FOUR MODULE

FOUR MODULE



6425s



6440s



6463s



6640s



6240s



6363s

6425s
25A 230/400V
30mA TRIPPING CURRENT

1

Suitable for installation in Sentry four module enclosures and Commando Combi.
Positive contact status indication in accordance with 17th Edition IEE Wiring Regulations (537.2.2.2 and 537.3.2.2)

DIMENSIONS:
85 x 72 x 75mm

CABLE CAPACITY:
50mm²

BS EN 61008:1995

6440s
40A 230/400V
30mA TRIPPING CURRENT

6240s
40A 230/400V
100mA TRIPPING CURRENT

1

6463s
63A 230/400V
30mA TRIPPING CURRENT

1

6363s
63A 230/400V
100mA TRIPPING CURRENT

6263s
63A 230/400V
300mA TRIPPING CURRENT

1

6640s
40A 230/400V
30mA TRIPPING CURRENT

1

1

1



Suitable for installation in Sentry two or four module enclosures.

Positive contact status indication in accordance with 17th Edition IEE Wiring Regulations (537.2.2.2 and 537.3.2.2)

DIMENSIONS:
85 x 72 x 75mm

CABLE CAPACITY:
50mm²

BS EN 61008: 1995



Contactor

Bell Transformer

ONE MODULE

TWO MODULE

THREE MODULE

TWO MODULE



6220s



6720s



7240s



7263s



7440s



7463s



5711s

6220s
20A
DOUBLE POLE

6720s
20A
DOUBLE POLE
WITH MANUAL OVERRIDE

1 **6420s**
20A
FOUR POLE

1 **7240s**
40A
DOUBLE POLE

7263s
63A
DOUBLE POLE

1 **7440s**
40A
FOUR POLE

1 **7463s**
63A
FOUR POLE

1

1 **5711s**
RATING 1A AT 8V
PRIMARY
220 – 240V A.C.50Hz

1

Suitable for installation in Sentry Consumer Units and two or four module enclosures. Automatically switches higher loads than possible with a time switch eg; off peak tariffs.

A manual override enables the temporary setting of the contactor in either the on or off position in addition to normal automatic operation.

When a contactor is mounted alongside an MCB of greater than 10 amp current rating or two contactors are mounted alongside an MCB or side by side, it is necessary to insert a blank module between them (list no.5544s)

CONTACTOR RATINGS:

List no	6220s 6420s 6720s	7240s 7440s	7263s 7463s
RATED CURRENT Ith	20A	40A	63A
HEATING: Single phase 230V	5.4kW	8.6kW	13.6kW
Three phase 400V	16kW	26kW	41kW
MOTORS: Single phase 230V	1.1kW	2.2kW	4kW
Three phase 400V	4kW	7.5kW	11kW
LIGHTING:			
Incandescent and Halogen lamps:	2,800W	7,000W	10,000W
Fluorescent Lamps: (Electronic Ballast)	2,000W	4,200W	6,300W
VOLTAGE RATING: (coil)	230V 50Hz	230V 50Hz	230V 50Hz
CABLE CAPACITY:			
rigid	6mm ² rigid	25mm ² rigid	25mm ²
BS EN 61095			

DIMENSIONS:

6220s: 84 x 18 x 66mm
6420s: 84 x 36 x 66mm
6720s: 84 x 18 x 66mm
7240s: 84 x 36 x 66mm
7263s: 84 x 36 x 66mm
7440s: 84 x 54 x 66mm
7463s: 84 x 54 x 66mm
(including half module blank)

Suitable for installation in Sentry Consumer Units and two or four module enclosures.

Note: When installed in a consumer unit, ensure that output cables inside the enclosures are suitable for a 230V environment, either by sleeving the bell wire to BS 2848 or using 230V cable.

Complete with terminal covers. Also suitable for surface mounting.

DIMENSIONS:
88 x 36 x 67mm
CABLE CAPACITY:
1 x 2.5mm²
EN 61558-2-8

Time Switches

SYNCHRONOUS THREE MODULE



5707s



5724s

QUARTZ STABILISED THREE MODULE



5824s

SYNCHRONOUS ONE MODULE



5833s

DIGITAL ONE CHANNEL TWO MODULE



5731s

DIGITAL ONE CHANNEL ONE MODULE



5733s

DIGITAL TWO CHANNEL TWO MODULE



5732s

5707s

7 DAY DIAL
MIN SETTING 3 HOURS



5824s

24 HOUR DIAL
MIN SETTING 30 MINUTES



5833s

24 HOUR DIAL
MIN SETTING 30 MINUTES



5731s

24 HOUR/7 DAY DISPLAY
MIN SETTING 1 MINUTE



5733s

24 HOUR DIAL
MIN SETTING 1 MINUTE



5732s

24 HOUR/7 DAY DISPLAY
MIN SETTING 1 MINUTE



5724s

24 HOUR DIAL
MIN SETTING 30 MINUTES



Suitable for DIN rail mounting in Sentry Consumer Units or four module enclosures.

VOLTAGE RATING:
220-240Va.c. 50Hz

CURRENT RATING:
Resistive load 16A
Inductive load 4A
Tungsten lamps 6A
(1350W)
Fluorescent lamps 1350W

DIMENSIONS:
85 x 54 x 68mm

CABLE CAPACITY:
2 x 2.5mm² or 4 x 1.5mm²

Suitable for DIN rail mounting in Sentry Consumer Units and two or four module enclosures.
Power reserve 150 hours

VOLTAGE RATING:
220-240Va.c. 50-60Hz

CURRENT RATING:
Resistive load 16A
Inductive load 4A
Tungsten lamps 6A
(1350W)
Fluorescent lamps 1350W

DIMENSIONS:
85 x 54 x 68mm

CABLE CAPACITY:
2 x 2.5mm² or 4 x 1.5mm²
EN 60730-2-7: 1993

Suitable for DIN rail mounting in Sentry Consumer Units and two or four module enclosures

VOLTAGE RATING:
240V 50Hz

CURRENT RATING:
Resistive load 16A
Inductive load 4A
Tungsten lamps 6A
(1350W)
Fluorescent lamps 1350W

DIMENSIONS:
90 x 18 x 68mm

CABLE CAPACITY:
2 x 2.5mm² or 4 x 1.5mm²
EN 60730-2-7: 1993

Pre-programmed with UK time and automatic summer/winter adjustment.

Provides 20 programming selections. Freely selectable day grouping facility.
Manual override, winter/summer time adjustment.

Power reserve of 3 years. Suitable for DIN-rail mounting in Sentry Consumer Units and two or four module enclosures.

VOLTAGE RATING:
240V 50/60Hz

CURRENT RATING:
Resistive load 16A
Inductive load 2.5A
Tungsten lamps 5A
(1000W)
Fluorescent lamps 1000W

DIMENSIONS:
85 x 36 x 68mm

CABLE CAPACITY:
2 x 2.5mm² or 4 x 1.5mm²
EN 60730-2-7: 1993

Provides 42 programming selections. Freely selectable day grouping facility.
Manual override, winter/summer time adjustment, holiday programme and random generator are standard facilities.

Power reserve of 150 hours.

Suitable for DIN rail mounting in Sentry Consumer Units and two or four module enclosures

VOLTAGE RATING:
240V 50/60Hz

CURRENT RATING:
Resistive load 16A
Inductive load 2.5A
Tungsten lamps 5A
(1000W)
Fluorescent lamps 1000W

DIMENSIONS:
90 x 18 x 74mm

CABLE CAPACITY:
2 x 2.5mm² or 4 x 1.5mm²
EN 60730-2-7: 1993

Pre-programmed with UK time and automatic summer/winter adjustment.

Provides 30 programming selections. Freely selectable day grouping facility.
Manual override, winter/summer time adjustment.

Power reserve of 3 years. Suitable for DIN-rail mounting in Sentry Consumer Units and two or four module enclosures.

VOLTAGE RATING:
240V 50/60Hz

CURRENT RATING:
Resistive load 16A
Inductive load 2.5A
Tungsten lamps 5A
(1000W)
Fluorescent lamps 1000W

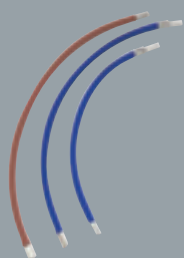
DIMENSIONS:
85 x 36 x 68mm

CABLE CAPACITY:
2 x 2.5mm² or 4 x 1.5mm²
EN 60730-2-7: 1993



Consumer Unit Cable Kits

Accessories



K5563s



K5565s



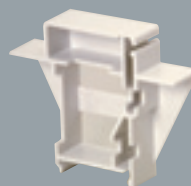
5562s



K8041s



K5593s



5544s



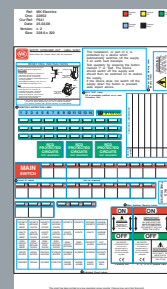
K5545s



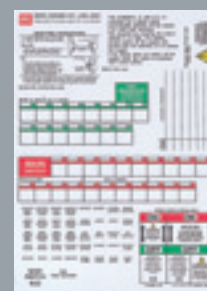
K5511s



KAX26s



K5597s



K5599s

K5563s new 'K' series
SPLIT-LOAD KIT
Consists of 3 cables (2 neutral and 1 live) for use when assembling a split load arrangement.

5

K5565s new 'K' series
MULTI-INCOMER KIT
Consists of a blue flexible cable with pre-fitted terminal for the neutral return from switch or RCD to second or third neutral bar.

5

K5568s new 17th Edition
17th Edition cable kit for switch and twin RCD arrangement

5

K5567s new 17th Edition
A&D cable kit for switch plus triple RCD arrangement

5

K5563s
For use when assembling split-load arrangement.

K5564s
For use when assembling a switch and twin RCD arrangement.

K5565s
For use when assembling a consumer unit in a multi-incomer arrangement with separate supply to each incomer.

These kits must be used to ensure compliance with BS EN 60439-3

5562s
EXTENSION TERMINAL
For use when assembling a consumer unit as a distribution board. Enables direct connection of cables to the neutral bar. Consists of a 25mm² capacity terminal with clamp screw.

K8041s
LOCKING DEVICE
For use when locking a Sentry MCB, RCBO, RCD or switch disconnector in either the on or off position.

K5593s
BARREL LOCK AND KEY KIT
Suitable for securing 'K' series Sentry Consumer Unit lids.

1

5544s
MCB BLANK – GREY
Designed to fill unused modules in Sentry Consumer Units and small enclosures. DIN-rail mounted.

K5545s
COVER MOUNTED BLANK
For filling spaces in the 'K' series Sentry consumer unit cover, where there are unused modules.

10

K5511s new 'K' series
BUSBAR
11 module.

1

K5590s new 'K' series
BUSBAR
20 module.

1

KAX26s new 'K' series
BUSBAR COVER
Suitable for insulating the busbars K5511s and K5590s 20 module.

10

1

K5597s
CONSUMER UNIT LABELS
Additional printed and blank labels, for identifying devices and circuits on Dual & Triple RCD boards

5

10

K5599s
CONSUMER UNIT LABELS
Additional printed and blank labels, for identifying devices and circuits on single RCD boards.

5



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