

# circuit protection

In compliance with the 17th Edition Wiring Regulations

Issue 4





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# circuit protection

CLICK distribution boards have been designed for ease and quickness of installation, with the contractor in mind.

A comprehensive range of distribution boards incorporating straight 4 MCB ways up to 20 MCB ways, and 3+3 up to 8+8 split load boards, all allowing busbar modification to suit the installation requirements.

All units are aesthetically designed to meet modern day décor.

Modular design for installing into most domestic and light commercial applications.

The CLICK distribution boards have been tested and comply fully with BS EN 60947-3.



# design features

The design of the distribution boards and enclosures illustrated in these pages came about as a result of painstaking research carried out with electrical contractors over a protracted period.

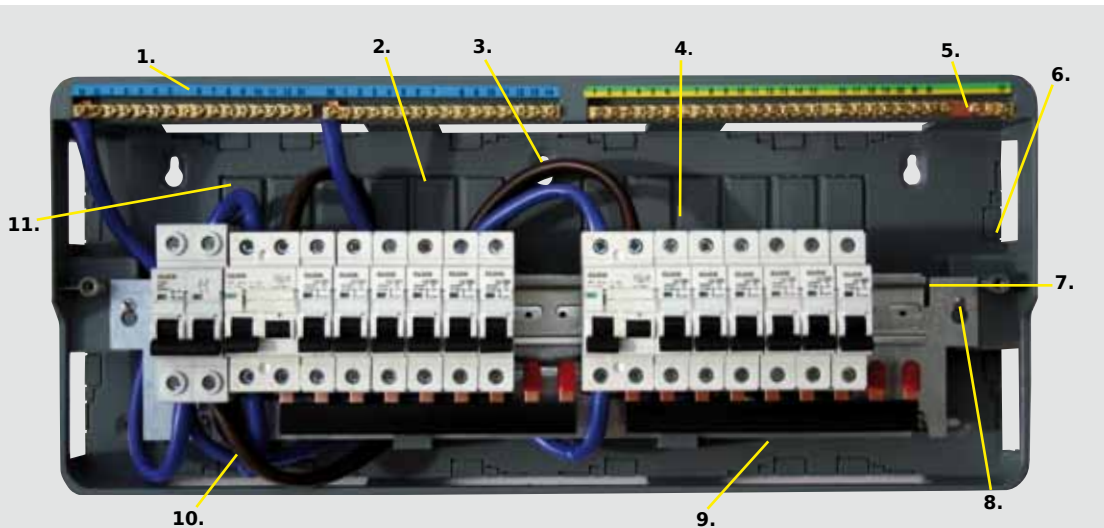
Safety and reliability were the two main cornerstones in our designs but we recognised that a great deal of work goes into the actual installation of a consumer unit. We therefore concentrated on incorporating features which would make these boards popular amongst contractors by virtue of their ease of handling and installation.

Units are supplied with a full set of instructional information, circuit identification labels, periodical inspection sheet, wallet with test result form and fault diagnosis sticker.

Mains connection leads are manufactured from highly flexible copper to assist installation.

On split protection boards an extra copper busbar is supplied with each unit to allow the installer to configure their own circuit requirements on site.

All other boards are supplied without mains isolators or RCCB's to allow for greater choice in selection.



1. Clear labelling to assist ease of installation and identification
2. Solid base to ensure greater stability and strength with stand off feet to aid installation on uneven surfaces.
3. Central screw slot to assist first fix.
4. Din rail height set to create more space under pan assembly for ease of access.
5. Earth test-link facility.
6. Trunking alignment notches to aid installation.

7. Easy release pan assembly.
8. Combination screw heads on all screws to aid installation.
9. Exceptional cable entry and wiring space all round unit to aid installation.
10. Flexible copper leads fitted to greatly facilitate installation.
11. Enclosures supplied with substantial amounts of cut-outs, which are easily removed by knife blade.

# fused main switches



DB700

## Fused Main Switch

DB700	80A Fused main switch (80A HRC fuse fitted) terminals accepting upto 25mm <sup>2</sup> (125 x 80 x 54mm)
DB750	100A Fused main switch (80A HRC fuse fitted) twin screw terminals accepting upto 35mm <sup>2</sup> (130 x 100 x 57mm)
DB980	Cable shroud (up to 35mm <sup>2</sup> )

Fused Main Switch compliant with BS EN 60947-3



DB980



DB750

# insulated surface consumer units

MCB Straightway Boards

## Insulated Surface Consumer Units Straightway Boards

DB1704	4 Way distribution board only
DB1706	6 Way distribution board only
DB1710	10 Way distribution board only
DB1714	14 Way distribution board only

Supplied complete with leads.

Order Main Isolator / RCCB separately see page 6



DB004



DB006



DB010



DB014

# insulated surface consumer units

Split Load Boards



DB3633

## Insulated Surface Consumer Units Split Load Protection 3+3

DB3633	3+3 100A Isolator & 2 x 63A 30mA RCCB Supplied with Mains Isolators
DB3803	3+3 100A Isolator & 2 x 80A 30mA RCCB Supplied with Mains Isolators

## Insulated Surface Consumer Units Split Load Protection 5+5

DB5633	5+5 100A Isolator & 2 x 63A 30mA RCCB Supplied with Mains Isolators
DB5803	5+5 100A Isolator & 2 x 80A 30mA RCCB Supplied with Mains Isolators



DB5803



DB8803

## Insulated Surface Consumer Units Split Load Protection 8+8

DB8633	8+8 100A Isolator & 2 x 63A 30mA RCCB Supplied with Main Isolators
DB8803	8+8 100A Isolator & 2 x 80A 30mA RCCB Supplied with Main Isolators
DB8103	8+8 100A Isolator & 2 x 100A 30mA RCCB Supplied with Main Isolators

# isolators & rccb's

Isolators & RCCB's

**Main Isolators**

CP063	63A DP Isolator
CP100	100A DP Isolator

**RCCB Main Isolators 30mA**

CP250	63A/30mA DP RCCB
CP260	80A/30mA DP RCCB
CP270	100A/30mA DP RCCB

**RCCB Main Isolators 100mA**

CP255	63A/100mA DP RCCB
CP265	80A/100mA DP RCCB
CP275	100A/100mA DP RCCB

Mains isolators comply with the requirements of BS EN 60947-3.

They feature positive contact indication in accordance with 17th Edition IEE Wiring Regulations 537-2-3 and 537-3-2.

The isolator can therefore be used as an isolating switch.

All CLICK RCCB's fully comply with the requirements of BS EN 61008, IEC 1008 and IEE Wiring Regulations 537-2-3 and 537-3-2, and offer a very high degree of protection against electric shock.

Two module DP, up to 100A 100mA.



CP260



CP100

# mcb's & rcbo's

Miniature Circuit Breakers

RCBO's

CLICK Miniature Circuit Breakers are tested and compliant with IEC 60898 and meet the requirements of the IEE Wiring Regulations.

- Positive contact indication
- Large terminal capacity
- May be used as a Single Pole isolating switch
- Supplied in both 'B' and 'C' Curve versions.

CLICK RCBO's are tested and compliant with IEC 61009-1 and supplied with 750mm of fly leads.



CP532

## Miniature Circuit Breakers 'B' CURVE 10kA Single Pole

CP106	6A 10kA type B MCB
CP110	10A 10kA type B MCB
CP116	16A 10kA type B MCB
CP120	20A 10kA type B MCB
CP132	32A 10kA type B MCB
CP140	40A 10kA type B MCB
CP150	50A 10kA type B MCB

## Miniature Circuit Breakers 'C' CURVE 10kA Single Pole

CP206	6A 10kA type C MCB
CP210	10A 10kA type C MCB
CP216	16A 10kA type C MCB

## 1 Module RCBO's 30mA 'B' Curve 10kA

CP506	6A/30mA 10kA type B RCBO
CP516	16A/30mA 10kA type B RCBO
CP532	32A/30mA 10kA type B RCBO
CP540	40A/30mA 10kA type B RCBO



CP140

# accessories

Spare Components



## ACCESSORIES

- |       |   |
|-------|---|
| DB936 | Spare neutral 'U' link for 14 way units     |
| DB937 | Spare neutral 'U' link for 6 & 10 way units |

- |       |                                     |
|-------|-------------------------------------|
| DB938 | Spare earth 'test' link with screws |
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|-------|---|
| DB940 | Spare blanks and red grommets (10 of each in a bag) |
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|-------|----------------------------------|
| DB941 | One complete set of spare labels |
|-------|----------------------------------|

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| DB945 | Spare 'test' wallet |
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| KT1700 | Cable set for dual isolator straight boards |
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| KT1701 | 10 Way insulated busbar |
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| KT1702 | 20 Way insulated busbar |
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