

## AXIOM CONSUMER UNITS

# COMPLETE

## AXIOM CONSUMER UNITS

Axiom Metal Consumer Units, launched in 2016, are fully Amendment 3 compliant and comprise high integrity consumer units with a 100A DP switch and dual RCD, a comprehensive package of up to 22 free way boards with pre-fitted options of a mains switch or an 80A RCD as an isolator, as well as split load boards with mains switch and RCD combined. MCB and RCBO loaded options are available as well, whilst fully loaded shower and garage units complete the consumer board options. The full range of din rail mounting devices available includes recent additions of single module mini RCBOs, contactors, timers and bell transformers.

In January 2019 IET published 18<sup>th</sup> edition of the Wiring Regulations BS7671. The changes contained within this edition will have an impact on the installation practices for domestic household premises.

### Metal Consumer Unit Fittings & Accessories

The new Metal Consumer Unit range from CED Electrical Group has been designed with the specifier, installer and user in mind.

Enclosures and devices are coordinated to provide comprehensive circuit protection solutions, ease of installation with a stylish contemporary design to integrate within any home.

#### Features & Benefits

- A complete range of single phase consumer units' compliant with BS7671 and 18<sup>th</sup> Edition Wiring Regulations.
- modern design suitable to all installations
- Comprehensive range comprising 8 different enclosure sizes
- Comprehensive user instructions.
- Degree of protection IP2X
- Secure hinge cover design
- All metal enclosure, no external plastic parts
- Low Smoke & Fume paint
- Non combustible cover blanks
- Cable entry knockouts on 5 sides, top, bottom, left, right and rear - 20mm, 25mm & 32mm
- Up to 27 way units, all designs Main Switch, High Integrity, Split Load, Dual RCD
- RoHS compliant
- Certified to BS EN61439-3

British Standards and IEE regulations are subject to change and amendments. This guide is not a substitute for the regulations which should always be used for all types of electrical installation work.

Steel safety cover to retard fire access

Steel casement construction for safety and to impede fire entry

Large terminals

Ample wiring space for easy access

Key Holes for easy mounting

Easy knockouts all round for Trunking entry

### Configurable Busbar Strip Assembly Easy Cut

Axiom Busbar strips have been specially designed to allow for easy cutting and configuration of the consumer unit as required. They allow isolation of individual circuits as required.

All CED Axiom consumer units have been specially designed to meet the published IET amendment and to ensure customers can purchase safe in the knowledge that they meets all current standards.



Note: Whilst additional protection is provided it does not obviate the need for circuit protection by circuit breakers or fuses.

The board shown has been fitted with MCB's, units are sold without MCB's fitted (see pages 77&78).  
Utilising standard MCB's throughout provides a standard 30mA protected supply.  
Uses two RCD protected sections and a number of ways for dedicated (High Integrity Circuits) using 30mA RCBO's.



### Codes Key

- SL = Split Load
- CU = Consumer Unit
- R = RCD
- M = Main Switch
- S = Main Switch

## CED Consumer Units and the 18<sup>th</sup> Edition

Under the wiring regulations (from January 2008) the following will apply to all domestic and residential installations.

1. All socket outlets should be protected by 30mA RCD whether on ground floor of a house or the top floor of high rise apartment block.
2. All circuits in a room with a fixed bath or shower should be protected by one or more 30mA RCD's.
2. All cables concealed in metal stud partitions (common in new build) should be protected by 30mA RCD's.
3. All cables buried beneath the plaster surface of a wall or partition (at less than 50mm) should be protected by 30mA RCD's.
4. Installations should be divided up into circuits so as to take account of danger and inconvenience caused by a single fault - e.g. such as a lighting circuit.
4. Installations should be designed and arranged so as to prevent unwanted tripping of the RCD's.

1. Regulation 411.3.3 socket outlets with rated current not exceeding 20A that are for general use by ordinary persons.
2. Regulation 701.411.3.3 Additional protection shall be provided for all circuits of the location by use of one or more 30mA RCD.
3. Regulations 522.6.6 522.6.7 522.6.8 cables concealed in a wall or partition at less than 50mm depth and without earthed mechanical protection e.g. conduit.
4. Regulation 314.1 Every installation shall be divided into circuits as necessary to avoid danger and inconvenience in the event of a fault. Take account of danger that may arise from failure of a single such as a lighting circuit, reduce the possibility of unwanted tripping of RCD etc.
4. Regulation 314.2 Separate circuits to be provided for parts of the installation that need to be separately controlled in such a way that those circuits are not affected by the failure of other circuits.

### IET Published Amendment

In January 2019 IET published 18<sup>th</sup> edition of the Wiring Regulations BS7671. The changes contained within this edition will have an impact on the installation practices for domestic household premises.

## Typical Configuration for MSLRRM552 using MCB's

	Hall & Stair Lights	Upstairs Lights	Downstairs Sockets	Upstairs Sockets	Cooker		Downstairs Lights	Downstairs Lights	Upstairs Lights	Upstairs Sockets	Shower	Burglar Alarm	Smoke alarms	
30mA RCD	6A MCB	6A MCB	32A MCB	32A MCB	45A MCB	30mA RCD	6A MCB	6A MCB	6A MCB	32A MCB	50A MCB	6A 30mA RCBO	6A 30mA RCBO	Main Isolator

N.B. One RCD protected section with MCB's and RCBO's on the switch side. Please refer to specifications. "MCB's supplied separately and as required by customer" please refer to specifications.

## METAL CONSUMER UNITS

Including High Integrity Split Load Units

### Pre-Populated Board

Save time and hassle with these ready to go consumer units. Modern user friendly design and easy to install. Ideal for the busy contractor where time is money.

### Full Metal Jacket

With full metal steel casement construction for safety and to impede fire entry, with a solid Steel drop down cover to protect against dust and added protection against accidental tripping of the modules.

### Room To Breathe

Generous internal cabling space is provided above RCBO's for time saving wiring with Easy knockouts all round for trucking entry and wall mounting. Making these units an easy and efficient choice for both domestic and commercial use.



2 x 6A  
1 x 16A  
2 x 32A  
1 x 40A

Specifications:  
Board-BSEN61439-3 MCB-IEC60898 RCD-IEC61008

### Features & Benefits

- 8 way 4+4 main switch board
- New modern user friendly design quick and easy to install.
- Full metal steel casement construction for safety and to impede fire entry.
- Steel drop down solid cover to protect against dust and retard fire entry.
- Separate earth and neutral terminal at the top for easy wiring and identification.
- Generous internal cabling space above RCBO's (for time saving wiring).
- Easy knockouts all round for trucking entry and wall mounting.
- Compact and robust construction.
- Large size keyholes for easy mounting.
- Large terminals.
- None combustible cover blanks.

### Code: MSLRRM44CB

Metal dual RCD split load consumer unit pre-populated with MCB

- 8 Way 4+4 main switch board
- Isolator: 100A DP / RCD: 2 x 63A DP (sensitivity 30mA)
- Knockouts: 32-20-20-25-32
- Number of ways: 14 / Number of free ways: 8
- Dimensions: 379 x 237 x 110mm

NEW

Minimum / Box quantity: 1/4

Minimum order quantity: 1

Each

CE RoHS

IP20

240v



We NOW stock range of pre-populated boards to support electrical service engineers & fitters



Compliant to  
IET 421.1.201

## METAL CONSUMER UNITS

Including High Integrity Split Load Units

- New modern user friendly design quick and easy to install.
- Full metal steel casement construction for safety and to impede fire entry.
- Steel drop down solid cover to protect against dust and retard fire entry.
- Separate earth and neutral terminal at the top for easy wiring and identification.
- Generous internal cabling space above RCBO's (for time saving wiring).
- Easy knockouts all round for trucking entry and wall mounting.
- Compact and robust construction.
- Large size keyholes for easy mounting.
- Large terminals.



Specifications:  
Board-BSEN61439-3 MCB-IEC60898 RCD-IEC61008

### Code: MSLRRM552

Metal Dual RCD split load consumer unit without MCB

- 8 way 5+5+2 main switch board
- Isolator: 100A DP / RCD: 2 x 63A DP (sensitivity 30mA)
- Knockouts: 32-20-20-25-32
- Number of ways: 18 / Number of free ways: 12
- Dimensions: 379 x 237 x 110mm

Minimum / Box quantity: 1/4

Minimum order quantity: 1

LOWEST PRICE

Each

4+

CE RoHS

IP20

240v



Specifications:  
Board-BSEN61439-3 MCB-IEC60898 RCD-IEC61008

### Code: MSLRRM552CB

High integrity split load metal consumer unit (with MCB)

- 18 way 5+5+2 main switch board
- Isolator: 100A DP / RCD: 2 x 63A DP (sensitivity 30mA)
- Knockouts: 32-25-20-20-20-25-32
- Number of ways: 18 / Number of free ways: 12
- Dimensions: 379 x 237 x 110mm

Minimum / Box quantity: 1/4

Minimum order quantity: 1

Each

3 x 6A  
2 x 16A  
4 x 32A  
1 x 40A

CE RoHS

IP20

240v

## METAL CONSUMER UNITS

Including High Integrity Split Load Units



Specifications:  
Board-BSEN61439-3 MCB-IEC60898 RCD-IEC61008

Code: **MSLRRM46**

Metal Dual RCD split load consumer unit without MCB

- Metal dual RCD split load consumer unit without MCB
- Isolator: 100A DP / RCD: 2 x 63A DP (sensitivity 30mA)
- Knockouts: 32-20-20-25-32
- Number of ways: 14 / Number of free ways: 8
- Dimensions: 379 x 237 x 110mm

Minimum / Box quantity: 1/4

Each

LOWEST PRICE

4+

Minimum order quantity: 1

CE

RoHS

IP20

240v



Specifications:  
Board-BSEN61439-3 MCB-IEC60898 RCD-IEC61008

Code: **MSLRRM66**

Metal dual RCD split load consumer unit without MCB

- 12 Way 6+6 main switch board
- Isolator: 100A DP / RCD: 2 x 63A DP (sensitivity 30mA)
- Knockouts: 32-25-20-20-20-25-32
- Number of ways: 18 / Number of free ways: 12
- Dimensions: 379 x 237 x 110mm

Minimum / Box quantity: 1/4

Each

LOWEST PRICE

4+

Minimum order quantity: 1

CE RoHS

IP20

240v



Specifications:  
Board-BSEN61439-3 MCB-IEC60898 RCD-IEC61008

3 x 6A  
1 x 10A  
2 x 16A  
4 x 32A  
1 x 40A  
1 x 50A\*

\*B-type 6KA.

Code: **MSLRRM66CB**

Metal dual RCD split load consumer unit pre-populated with MCB

- 12 Way 6+6 main switch board
- Isolator: 100A DP / RCD: 2 x 63A DP (sensitivity 30mA)
- Knockouts: 32-25-20-20-20-25-32
- Number of ways: 18 / Number of free ways: 12
- Dimensions: 379 x 237 x 110mm

Minimum / Box quantity: 1/4

Each

Minimum order quantity: 1

CE RoHS

IP20

240v



Specifications:  
Board - BSEN61439-3 MCB - IEC60898, RCD - IEC61009

Code: **MSLRRM78**

Metal dual RCD split load consumer unit without MCB

- 15 Way 7+8 main switch board
- Isolator: 100A DP / RCD: 2 x 63A DP (sensitivity 30mA)
- Knockouts: 32-25-20-20-20-20-25-32
- Number of ways: 21 / Number of free ways: 15
- Dimensions: 379 x 237 x 110mm

Minimum / Box quantity: 1/4

Each

Minimum order quantity: 1

CE RoHS

IP20

240v



#### Accessory Packs Included:

- Pre-printed circuit identification labels
- Phase insulator
- Blanks



Specifications:  
Board-BSEN61439-3 MCB-IEC60898 RCD-IEC61008

#### Code: MSLRRM663

##### Metal Consumer Unit Split Load (Without MCB)

- 6+6+3 Way Main Switch Board
- Isolator: 100A DP / RCD: 2 x 63A DP (sensitivity 30mA)
- Knockouts: 32-25-20-20-20-25-32
- Number of ways: 21 / Number of free ways: 15
- Dimensions: 433 x 237 x 110mm

Minimum / Box quantity: 1/4

Minimum order quantity: 1

LOWEST PRICE		
Each	4+	

CE RoHS

IP20

240v



Specifications:  
Board - BSEN61439a-3 MCB - IEC60898 RCD - IEC61008

#### Code: MSLRRM332

##### Metal Consumer Unit Split Load (Without MCB)

- 3+3+2 Way Main Switch Board
- Isolator: 100A DP / RCD: 2 x 63A DP (sensitivity 30mA)
- Knockouts: n/a
- Number of ways: 14 / Number of free ways: 8
- Dimensions: 307 x 237 x 110mm

Minimum / Box quantity: 1/4

Minimum order quantity: 1

Each
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CE RoHS

IP20

240v



Specifications:  
Board - BSEN61439-3 MCB - IEC60898 RCD - IEC61008

#### Code: MSLRRM24

##### 2 Tier Metal Consumer Unit Split Load (Without MCB)

- 8+10 Way Main Switch Board
- Isolator: 100A DP / RCD: 2 x 63A DP (sensitivity 30mA)
- Knockouts: 32-20-20-25-32
- Number of ways: 24 / Number of free ways: 18
- Dimensions: 280 x 465 x 110mm

Minimum / Box quantity: 1/4

Minimum order quantity: 1

Each
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CE RoHS

IP20

240v

## METAL CONSUMER UNITS

### Split Load Metal Consumer Units (without MCB)



Specifications:  
Board-IEC-61439-3 RCD-IEC61008

#### Code: MCU14SL

10 Free Way Consumer Unit Split Load 100A 2P Switch 63A 2P RCD

- Metal dual RCD split load consumer unit (without MCB)
- Isolator: 100A DP / RCD: 63A DP (sensitivity 30mA)
- Knockouts: 32-20-20-25-32
- Number of ways: 14 / Number of free ways: 10
- Dimensions: 307 x 237 x 110mm

Minimum / Box quantity: 1/4

Minimum order quantity: 1

Each

LOWEST PRICE

4+

CE RoHS

IP20

240v



Specifications:  
Board-IEC-61439-3 RCD-IEC 61008

#### Code: MCU18SL

14 Way Consumer Unit Split Load -100A 2P Switch 80A - 2P RCD

- Isolator: 100A DP / RCD: 1 x 63A DP (sensitivity 30mA)
- Knockouts: 32-25-20-20-20-25-32
- Number of ways: 18 / Number of free ways: 14
- Dimensions: 379 x 237 x 110mm

Minimum / Box quantity: 1/4

Minimum order quantity: 1

Each

LOWEST PRICE

4+

CE RoHS

IP20

240v



Specifications:  
Board-IEC-61439-3 RCD-IEC 61008

#### Code: MCU21SL

17 Way Consumer Unit Split Load -100A 2P Switch 80A - 2P RCD

- 12 Way 6+6 main switch board (without MCB)
- Isolator: 100A DP / RCD: 1 x 63A DP (sensitivity 30mA)
- Knockouts: 32-25-20-20-20-20-25-32
- Number of ways: 21 / Number of free ways: 17
- Dimensions: 433 x 237 x 110mm

Minimum / Box quantity: 1/4

Minimum order quantity: 1

Each

CE RoHS

IP20

240v

### Typical Example

	Hall & Stair Lights	Upstairs Lights	Immersion Heater	Downstairs Sockets	Shower	Bathroom Lights	Downstairs Lights	Upstairs Sockets	Kitchen sockets	Cooker	
30mA RCD	6A MCB	6A MCB	16A MCB	32A MCB	45A MCB	6A RCBO	6A RCBO	32A RCBO	32A RCBO	40A RCBO	Main Isolator

N.B. One RCD protected section with MCB's and RCBO's on the switch side. Please refer to the back pages 72/72 of the catalogue for specifications. "MCB's supplied separately and as required by customer" please refer to specifications.



## Accessory Packs Included:

- Pre-printed circuit identification labels
- Phase insulator
- Blanks



## IMPORTANT!

All boards sold without MCB's/  
RCBO's fitted are compatible with  
our entire range of modules.



### Code: MCU8SL

4 Free Way Consumer Unit Split Load 100A 2P Switch 63A 2P RCD

- Isolator: 100A DP / RCD: 1 x 63A DP (sensitivity 30mA)
- Knockouts: 20-25-20
- Number of ways: 8 / Number of free ways: 4
- Dimensions: 199 x 237 x 110mm

Minimum / Box quantity: 1/4

Each

Minimum order quantity: 1

## Specifications:

Board - BSEN61439-3 MCB - IEC60898 RCD - IEC61008

CE RoHS

IP20

240v



### Code: MCU10SL

6 Free Way Consumer Unit Split Load 100A 2P Switch 63A 2P RCD

- Isolator: 100A DP / RCD: 1 x 63A DP (sensitivity 30mA)
- Knockouts: n/a
- Number of ways: 10 / Number of free ways: 6
- Dimensions: 199 x 237 x 110mm

Minimum / Box quantity: n/a

Each

Minimum order quantity: 1

## Specifications:

Board - BSEN61439-3 MCB - IEC60898 RCD - IEC61008

CE RoHS

IP20

240v



### Code: MCU24SL

20 Free Way 2 Tier Consumer Unit Split Load (Without MCB)

- Isolator: 100A DP / RCD: 1 x 100A 2P (sensitivity 30mA)
- Knockouts: 32-20-20-25-32
- Number of ways: 20 / Number of free ways: 2
- Dimensions: 433 x 237 x 120mm

Minimum / Box quantity: n/a

Each

Minimum order quantity: 1

## Specifications:

Board - IEC - 61439-4 MCB - IEC60898 RCD - IEC61008

CE RoHS

IP20

240v

## METAL CONSUMER UNITS

Mains Switch as Isolator



### Benefits & Features

- All metal consumer units manufactured in accordance with IEC and comply with BSEN 60309-1-2
- Rated voltage – 230 -240v – 50Hz
- Modern – user friendly design quick and easy to install
- Compact and robust construction
- Full metal Steel enclosure ( as required by IET 4211201) - White colour
- Steel drop down solid cover to protect against dust and retard fire entry
- Separate earth & neutral terminals at the top for easy wiring & identification
- Generous internal cabling space above RCBO's (for time saving wiring)
- Easy knockouts – 4 wall mounting large size keyholes for easy fixing
- IP20

### Accessory Packs Included:

- Pre-printed circuit identification labels
- Blanks
- Phase insulator

### IMPORTANT!

All boards sold without MCB's/RCBO's fitted are compatible with our entire range of modules.



Utilising RCBO's throughout can provide a secure dedicated 30mA protected supply to every circuit.

### Typical Example

Smoke alarms	Burglar Alarm	Upstairs Lights	Downstairs Lights	Immersion Heater	Kitchen Sockets	Upstairs Sockets	Downstairs Sockets	Shower	Cooker	Main Isolator
6A 30mA RCBO	6A 30mA RCBO	6A 30mA RCBO	6A 30mA RCBO	16A 30mA RCBO	32A 30mA RCBO	32A 30mA RCBO	32A 30mA RCBO	32A 30mA RCBO	40A 30mA RCBO	

Utilising RCBO's throughout can provide a secure dedicated 30mA protected supply to every circuit.

N.B. All our consumer units can be configured using either standard MCB's, RCBO's or a combination of the both. Utilising RCBO's throughout can provide a secure dedicated 30mA protected supply to every circuit. Making the range of CED Axiom Consumer Units an ideal choice when rewiring domestic premises is required.

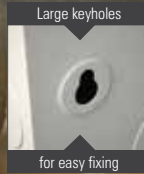
### Metal Consumer Units with 100A as an Isolator IEC61439-3 CE (IP20)

Code	Description	Dimensions WxHxD (mm)	MCB/ RCBO	Min/Box	Each	6 +
MCU4S	2 Free Way Metal Consumer Unit c/w 100A Switch 2P ISO	127 x 237 x 110	✗	1/12		
MCU6S	4 Free Way Metal Consumer Unit c/w 100A Switch 2P ISO	163 x 237 x 110	✗	1/6		
MCU8S	6 Free Way Metal Consumer Unit c/w 100A Switch 2P ISO	199 x 237 x 110	✗	1/6		
MCU10S	8 Free Way Metal Consumer Unit c/w 100A Switch 2P ISO	235 x 237 x 110	✗	1/6		
MCU14S	12 Free Way Metal Consumer Unit c/w 100A Switch 2P ISO	307 x 237 x 110	✗	1/10		
MCU16S	14 Free Way Metal Consumer Unit c/w 100A Switch 2P ISO	343 x 237 x 110	✗	1/6		
MCU18S	16 Free Way Metal Consumer Unit c/w 100A Switch 2P ISO	379 x 237 x 110	✗	-		
MCU21S	19 Free Way Metal Consumer Unit c/w 100A Switch 2P ISO	433 x 230 x 110	✗	1/4		
MCU24S	22 Free Way 2 Tier Metal Consumer Unit c/w 100A Switch 2P ISO	280 x 465 x 110	✗	1/4		

N.B. "MCB's supplied separately and as required by customer". Please refer to pages 71/72 for specifications.

Accessory Packs Included:

- Pre-printed circuit identification labels
- Phase insulator
- Blanks



### IMPORTANT!

All boards sold without MCB's/ RCBO's fitted are compatible with our entire range of modules.

## METAL CONSUMER UNITS

Consumer Units with RCD as Main Switch

- All metal consumer units manufactured in accordance with IEC and comply with BSEN 60309-1-2
- Rated voltage - 230 -240v - 50Hz
- Modern – user friendly design quick and easy to install
- Compact and robust construction
- Full metal Steel enclosure ( as required by IET 4211201) - White colour
- Steel drop down solid cover to protect against dust and retard fire entry
- Separate earth & neutral terminals at the top for easy wiring & identification
- Generous internal cabling space above RCBO's (for time saving wiring)
- Easy knockouts - 4 wall mounting large size keyholes for easy fixing
- IP20

### Typical Example

	Smoke alarms	Burglar Alarm	Upstairs Lights	Downstairs Lights	Immersion Heater	Kitchen Sockets	Upstairs Sockets	Downstairs Sockets	Shower	Cooker	
30mA RCD	6A 30mA RCBO	6A 30mA RCBO	6A 30mA RCBO	6A 30mA RCBO	16A 30mA RCBO	32A 30mA RCBO	32A 30mA RCBO	32A 30mA RCBO	32A 30mA RCBO	40A 30mA RCBO	Main Isolator

Utilising RCBO's throughout can provide a secure dedicated 30mA protected supply to every circuit.

### Metal Consumer Units With 80A DP RCD 30mA as Main Switch IEC61439-3 (IP20)

Code	Description	Dimensions WxHxD (mm)	MCB/ RCBO	Min/Box	Each	6 +
MCU4R	2 Free Way Metal Consumer Unit c/w 63A DP RCD as Switch	127 x 237 x 110	✗	1/10		
MCU6R	4 Free Way Metal Consumer Unit c/w 63A DP RCD as Switch	163 x 237 x 110	✗	12		
MCU8R	6 Free Way Metal Consumer Unit c/w 63A DP RCD as Switch	199 x 237 x 110	✗	6		
MCU10R	8 Free Way Metal Consumer Unit c/w 63A DP RCD as Switch	235 x 237 x 110	✗	1/10		
MCU14R	10 Free Way Metal Consumer Unit c/w 63A DP RCD as Switch	307 x 237 x 110	✗	1/16		
MCU16R	14 Free Way Metal Consumer Unit c/w 80A DP RCD as Switch	343 x 237 x 110	✗	1		
MCU18R	16 Free Way Metal Consumer Unit c/w 80A DP RCD as Switch	379 x 237 x 110	✗	1/4		
MCU21R	19 Free Way Metal Consumer Unit c/w 80A DP RCD as Switch	433 x 237 x 110	✗	1/4		
MCU24R	22 Free Way 2 Tier Metal Consumer Unit c/w 80A DP RCD as Switch	280 x 465 x 110	✗	4		

## METAL CONSUMER UNITS

Garage & Shower Units (with MCB)



Specifications:  
Board - BSEN61439-3  
MCB - IEC60898 RCD - IEC61008

### Code: MSU363/50

Metal Shower Unit 3 Way With 63A DP 30mA RCD & MCB-IP2X-IEC61439-3

- 4 Way main switch board (fitted with MCB)
- Isolator: 63A DP / RCD: (sensitivity 30mA)
- Knockouts: 20-20
- Number of ways: 4 / Number of free ways: None
- Dimensions: 127 x 185 x 110mm

Minimum / Box quantity: n/a

Minimum order quantity: 1

Each

CE RoHS

IP20

240v

### Accessory Packs Included

- Pre-printed circuit identification labels
- Blanks
- Phase insulator

- RCD to BSEN61008-1
- Terminal Capacity upto 35mm<sup>2</sup>
- MCB 6kA IEC60898-1 Single Pole
- IP20

N.B. "MCB's supplied separately and as required by customer".  
Please refer to pages 71/72 for specifications.

Uses two RCD protected sections and a number of ways for dedicated (High Integrity Circuits) using 30mA RCB0's.



Specifications:  
Board - BSEN61439-3 MCB - IEC60898 RCD - IEC61008

### Code: MGU563/632

Metal Garage Unit 4 Way with 63A DP RCD 30mA & MCB-IEC61439-3

- 4 Way main switch board (fitted with MCB)
- Isolator: 63A DP / RCD: (sensitivity 30mA)
- Knockouts: 20-20
- Number of ways: 4 / Number of free ways: 2
- Dimensions: 127 x 185 x 110mm

Minimum / Box quantity: 1/12

Minimum order quantity: 1

LOWEST PRICE

Each

12+

CE RoHS

IP20

240v

### Code: MGU63/3CB

Metal 3-way Garage Consumer Unit fitted with MCB

- 3 Way main switch board (fitted with MCB)
- Isolator: 63A DP / RCD: (sensitivity 80mA)
- Knockouts: 20-20
- Number of ways: 3 / Number of free ways: n/a
- Dimensions: ?? x ?? x ??mm

Minimum / Box quantity: 1

Minimum order quantity: 1

Each

CE RoHS

IP20

240v

Specifications:  
Board - BSEN61439-3 MCB - IEC60898 RCD - IEC61008





### IMPORTANT!

All boards sold without MCB's/  
RCBO's fitted are compatible with  
our entire range of modules.

## METAL CONSUMER UNITS

RCD Protectors for Consumer Units



- BSEN61008-1
- RCD - Prevent fatal electric shock on a person by reducing to "safe" levels the value and the time a person is exposed to current flowing through the body
- Protect plant & machinery from fire by a current passing from live to earth that a fuse or circuit break may not detect
- RCD should be used along with MCB to detect, short circuit and overload current
- 30mA Trip Double Pole
- 25A -80Amp options
- Available in 2 Pole

### 2 Pole RCD 25A-80A

Code	Description	Poles	Sensitivity	Min/Box	Each
RCD25BR	25A DP RCD 30mA	2	30mA	1/10	
RCD40BR	40A DP RCD 30mA	2	30mA	1/10	
RCD63BR	63A DP RCD 30mA	2	30mA	1/10	
RCD80BR	80A DP RCD 30mA	2	30mA	1/10	

## DIN Rail Modules for Consumer Units



### Contactors & Timers

Code	Description	Poles	Amps	Min/Box	Each
CUMC20A	20A 2P 230v N/O 1 Module	2	20	1	
CUMC25A	25A 4P 230v N/O 2 Module	2	25	1	
CUSCT15A	16A resistive 10A inductive Consumer Units Staircase Timer	-	16	1	
CUBT15A	15A 8/12/24v 2 Mode 240v Bell Transformer	-	15	1	
CUdT16A	16A 240v Consumer Unit Digital LCD Timer	-	16A	1	

## METAL CONSUMER UNITS

MCB's & RCBO's for Consumer Units



### MCB's

- IEC 60898-1
- Breaking Capacity -6kA:- (actual tested at 6kA)
- B Type Series
- Safety Finger Proof Terminals
- Terminal Capacity Up To 35mm<sup>2</sup> Cable
- Various Rating - 6A-63A SP
- Protection Against Overload / Short-Circuit
- Dimension 40x18x80mm (45mm Projection)

### RCBO's

- RCBO is a combination of RCD and MCB
- RCBO to IEC61009
- 30mA 6A-40Amp
- Single Module
- B Type Series

Uses two RCD protected sections and a number of ways for dedicated (High Integrity Circuits) using 30mA RCBO's.



### MCB - 6kA Single Pole (B Type)

Code	Description	Min/Box	Each
CUB6SP	6A-SP MCB - B Type	1/12	
CUB10SP	10A-SP MCB - B Type	1/12	
CUB16SP	16A-SP MCB - B Type	1/12	
CUB20SP	20A-SP MCB - B Type	1/12	
CUB32SP	32A-SP MCB - B Type	1/12	
CUB40SP	40A-SP MCB - B Type	1/12	
CUB50SP	50A-SP MCB - B Type	1/12	
CUB63SP	63A-SP MCB - B Type	1/12	
MCUBLANK	Blank for Consumer Unit	-	



### RCBO 1 Modules (single module)

LOWEST PRICE

Code	Description	Min/Box	Each	40+
RCB006	Single Modular RCBO 6A 30mA	1/40		
RCB010	Single Modular RCBO 10A 30mA	1/40		
RCB016	Single Modular RCBO 16A 30mA	1/40		
RCB020	Single Modular RCBO 20A 30mA	1/40		
RCB025	Single Modular RCBO 25A 30mA	1/40		
RCB032	Single Modular RCBO 32A 30mA	1/40		
RCB040	Single Modular RCBO 40A 30mA	1/40		



NEW

### Mini RCBO Modules (single module)

Code	Description	Min/Box	Each
RCB006MINI	Single Module Mini RCBO 6Amp 30mA	-	
RCB010MINI	Single Module Mini RCBO 10Amp 30mA	-	
RCB012MINI	Single Module Mini RCBO 12Amp 30mA	-	
RCB016MINI	Single Module Mini RCBO 16Amp 30mA	-	
RCB020MINI	Single Module Mini RCBO 20Amp 30mA	-	
RCB032MINI	Single Module Mini RCBO 32Amp 30mA	-	
RCB040MINI	Single Module Mini RCBO 40Amp 30mA	-	



## Configurable Busbar Strip Assembly Easy Cut

**Axiom** Busbar strips have been specially designed to allow for easy cutting and configuration of the consumer unit as required. They allow isolation of individual circuits as required.



### Bus Bar

Code	Description	Min/Box	Each
BB03	Bus Bar for 3 Way	1	
BB10	Bus Bar for 10 Way	1	
BB14	Bus Bar for 14 Way	1	
BB18	Bus Bar for 18 Way	1	

## Consumer Units Main Isolator

Code: **ISO100DP**

- 100Amp Isolator 2 Pole
- Fits all Consumer Units



CE

Minimum / Box quantity: 1/6

Minimum order quantity: 1

Each

## Brass or Nylon Consumer Unit Gland Kits

NEW

### Benefits & Features

- Nylon & Brass Gland Kits
- 20mm, 25mm & 32mm
- Complete with Locknuts



CE

Code	Description	Type	Min/Box	Each
CUGK20/1.5BRS	Gland Kit 20/1.5mm	Brass	1	
CUGK32/25BRS	Gland Kit 32/25mm	Brass	1	
CUGK20/1.5NYL	Gland Kit 20/1.5mm	Nylon	1	
CUGK32/25NYL	Gland Kit 32/25mm	Nylon	1	

N.B. Both Brass and Nylon Gland Kits are suitable for use with the entire range of Axiom Metal Consumer Units.

'Axiom Industrial - our comprehensive range of industrial switching and control products is now catalogue format for the first time. The full product range details are in the next section.'

see pages 80/93.



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