

CONSUMER UNITS

Steel safety cover to
retard fire access



Steel casement
construction for safety
and to impede fire entry

Ample wiring space for
easy access

Large Terminals

Integrated spirit
level for mounting

Key Holes for easy
mounting



Easy knockouts all round
for Trunking entry



All type A products trip on both AC and residual
pulsating direct current indicated by this symbol

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.



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.

AXIOM CONSUMER UNITS

Axiom Metal Consumer Units, launched in 2016, are fully
18th edition 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.

Type A RCD products



- Type A RCD and RCBO products offer both AC and
limited DC circuit protection
- Items are marketed with this symbol to identify both
the sinusoidal wave and pulsating direct current

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.

New Features for 2021 include

- 10 way boards and above have a spirit level
- Internal central hanging key hole for ease of mounting
- Knockouts are now out to in for easy removal
- Labeling kits have been improved with all easy read stickers
- Stickers now easier to write on

Type A offers protection when using the following single phase
electronics components

- USB socket outlets (unless specifically advised by the USB
Manufacturer that Type AC RCDs are suitable)
- Single phase inverters
- Class 1 IT & Multimedia equipment
- Power supplies for class 2 equipment
- Appliances such as washing machines that are not frequency
controlled e.g. d.c or universal motor
- Lighting controls such as dimmer switches and home and building
systems LED drivers
- Induction Hobs
- Electric vehicle charging where and smooth DC fault current is less
than 6mA

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.

The board shown has been fitted with MCB's, units are sold without MCB's fitted (see pages 75/77).

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.

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

Codes Key

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

Consumer Units and the 18th 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.

Please note all of the above is only a guide and is subject to change in line with current regulations. Wiring guidelines should be consulted and followed at all times.

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 18th 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.



Specifications:
Fully compliant to BSEN61643-11
BSEN62305 & BS7671

- Code: SPD201P**
1 MOD S/P Device SPD 20kA 18mm 1P+N+PE
- Type 2 Single Phase Surge Protection
 - Sensitivity 10-20kA
 - Product Colour/Finish Grey
 - Body Material PA66
 - Dimensions: 81 x 18 x 36mm

NEW

Minimum / Box quantity: 1/12
Minimum order quantity: 1



METAL CONSUMER UNITS

Surge Protection Devices



Specifications:
Board - BSEN61643-11, BSEN62305 & BS7671

- Code: SPD201P/KIT**
20KA SPD 18mm 1P+N+PE Metal/Enclosure
- Type 2 Single Phase Surge Protection
 - Knockouts: 20mm / Specifications 1x SPD 10-20kA
 - Number of ways: 2 / Number of free ways: 1
 - Dimensions: 225 x 80 x 63mm

NEW

Minimum / Box quantity: 1/12
Minimum order quantity: 1



Specifications:
Board - n/a

- Code: ME2**
? Way main switch board (without MCB)
- Knockouts: 2x20mm
 - Number of ways: n/a / Number of free ways: 2
 - Dimensions: 225 x 80 x 62mm

NEW

Minimum / Box quantity: 1/12
Minimum order quantity: 1



Specifications:
Board - n/a

- Code: ME4**
4 Way main switch board (without MCB)
- Knockouts: 2x20mm, 2x25mm
 - Number of ways: 4 / Number of free ways: 4
 - Dimensions: 225 x 115 x 62mm

NEW

Minimum / Box quantity: 1/12
Minimum order quantity: 1



METAL CONSUMER UNITS

Including High Integrity Split Load Units



We NOW stock a range of circuit modules to support extended service options for our boards.

**NEW
RANGE**

All products with suffix TA conform Type A RCD

All supplied with central hanging hole and spirit level for ease of mounting



NEW

Code: **MSLRRM21CB / MSLRRM21CBTA**

Metal dual RCD split load consumer unit MCB - 21WAY 80A, 63A RCD 12MCB

- 21 Way main switch board
- Isolator: 100A DP / RCD: 1 x 80A DP (sensitivity 30mA)
- Knockouts: 32-20-20-25-32
- Number of ways: 21 / Number of free ways: n/a
- Dimensions: 433 x 237 x 11mm

MSLRRM21CB

Min/Box: 1/4

MSLRRM21CBTA

Min/Box: 1/4

Specifications:

Conforms to IEC 61439-3 BS 7671

UK CA CE RoHS

240v



NEW

Code: **MSLRRM441SPD**

4+4+1SPD + 1MCB 2RCD 100A TYPE A C/U

- 14 Way main switch board
- Isolator: 100A DP / RCD: 2 x 6A, 1 x 16A, 2 x 32A
- Knockouts: n/a
- Number of ways: 21 / Number of free ways: n/a
- Dimensions: n/a

MSLRRM441SPD

Min/Box: 1/4

Specifications:

Conforms to IEC 61439-3 BS 7671

UK CA CE RoHS

240v



NEW

Code: **MSLRRM551SPD**

5+5+1SPD + 1MCB 2RCD 100A TYPE A C/U

- 18 Way main switch board
- Isolator: 100A DP / RCD: 2 x 80A MCB: 4 x 32A, 3 x 6A, 2 x 16A, 1 x 40A
- Knockouts: 32-25-20
- Number of ways: 18 / Number of free ways: n/a
- Dimensions: 379 x 237 x 110mm

MSLRRM551SPD

Min/Box: 1/4

Specifications:

n/a

UK CA CE RoHS

240v



METAL CONSUMER UNITS

Including High Integrity Split Load Units



Code: **MSLRRM44 / MSLRRM44TA**

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

MSLRRM44

Min/Box: 1/4

Standard

MSLRRM44TA

Min/Box: 1/4

Type A



RoHS

240v



Specifications:

Board-BSEN61439-3 MCB-IEC60898 RCD-IEC61008



Compliant to
IET 421.1.201

2 x 6A

1 x 16A

2 x 32A

1 x 40A

Code: **MSLRRM44CB / MSLRRM44CBTA**

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

MSLRRM44CB

Min/Box: 1/4

Standard

MSLRRM44CBTA

Min/Box: 1/4

Type A



RoHS

240v



Specifications:

Board-BSEN61439-3 MCB-IEC60898 RCD-IEC61008



Code: **MSLRRM552 / MSLRRM552TA**

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

MSLRRM66

Min/Box: 1/4

Standard

MSLRRM66TA

Min/Box: 1/4

Type A



RoHS

240v



Specifications:

Board-BSEN61439-3 MCB-IEC60898 RCD-IEC61008



Code: **MSLRRM552CB / MSLRRM552CBTA**

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

MSLRRM552CB

Min/Box: 1/4

Standard

MSLRRM552CBTA

Min/Box: 1/4

Type A



RoHS

240v



Specifications:

Board-BSEN61439-3 MCB-IEC60898 RCD-IEC61008



N.B. One RCD protected section with MCB's and RCBO's on the switch side. Please refer to the back pages 75/77 of the catalogue for specifications. "MCB's supplied separately and as required by customer" please refer to specifications.

All products with suffix TA conform Type A RCD

Features & Benefits

- 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 and non combustible cover blanks

Code: MSLRRM66 / MSLRRM66TA

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

MSLRRM66

Min/Box: 1/4

Standard

MSLRRM66TA

Min/Box: 1/4

Type A

Specifications:

Board-BSEN61439-3 MCB-IEC60898 RCD-IEC61008



Code: MSLRRM66CB / MSLRRM66CBTA

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

MSLRRM66CB

Min/Box: 1/4

Standard

MSLRRM66CBTA

Min/Box: 1/4

Type A

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: MSLRRM78 / MSLRRM78TA

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

MSLRRM78

Min/Box: 1/4

Standard

MSLRRM78TA

Min/Box: 1/4

Type A

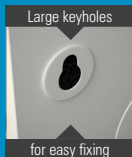
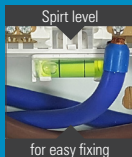
Specifications:

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



METAL CONSUMER UNITS

Split Load Metal Consumer Units (without MCB)



Accessory Packs Included:

- Pre-printed circuit identification labels (new design)
- Phase insulator & Blanks



Code: **MSLRRM332 / MSLRRM332TA**

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

MSLRRM332

Min/Box: 1/4

Standard

MSLRRM332TA

Min/Box: 1/4

Type A

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



**All products
with suffix TA
conform Type
A RCD**



Code: **MSLRRM663 / MSLRRM663TA**

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

MSLRRM663

Min/Box: 1/4

Standard

MSLRRM663TA

Min/Box: 1/4

Type A

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



Code: **MSLRRM24 / MSLRRM24TA**

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

MSLRRM24

Min/Box: 1/4

Standard

MSLRRM24TA

Min/Box: 1/4

Type A

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





All products with suffix TA conform Type A RCD

METAL CONSUMER UNITS

Split Load Metal Consumer Units (with Main Switch & RCD)

Benefits & Features

- A range of 4-20A Split Load (main switch and RCD) Consumer Units in a steel casing
- Rated voltage 230-240V 50Hz
- Easy knockouts – 4 wall mounting large size keyholes for easy fixing
- Split level 10 way and above
- Suffix TA means supplied with Type A RCD

Accessory Packs Included:

- Pre-printed circuit identification labels (new design)
- Phase insulator & Blanks

Minimum / Box quantity: 1/4

Minimum order quantity: 1

UK

CE

RoHS

240V

IP20

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. All our consumer units can be configured using either standard MCB's, RCBO's or a combination of the both. Making the range of CED Axiom Consumer Units an ideal choice when rewiring domestic premises is required.

N.B. One RCD protected section with MCB's and RCBO's on the switch side. Please refer to the back pages 75/77 of the catalogue for specifications. "MCB's supplied separately and as required by customer" please refer to specifications.

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

Code	Type A	Description	Dimensions WxHxD (mm)	MCB/RCBO
MCU8SL	MCU8SLTA	2 Free Way Metal Consumer Unit c/w 100A Switch 2P ISO	144 x 237 x 110	✗
MCU10SL	MCU10SLTA	4 Free Way Metal Consumer Unit c/w 100A Switch 2P ISO	144 x 237 x 110	✗
MCU14SL	MCU14SLTA	6 Free Way Metal Consumer Unit c/w 100A Switch 2P ISO	307 x 237 x 110	✗
MCU18SL	MCU18SLTA	8 Free Way Metal Consumer Unit c/w 100A Switch 2P ISO	379 x 237 x 110	✗
MCU21SL	MCU21SLTA	12 Free Way Metal Consumer Unit c/w 100A Switch 2P ISO	433 x 237 x 110	✗
MCU24SL	MCU24SLTA	14 Free Way Metal Consumer Unit c/w 100A Switch 2P ISO	465 x 280 x 110	✗

N.B. "MCB's supplied separately and as required by customer". Please refer to pages 75/77 for specifications.

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



IMPORTANT!

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

METAL CONSUMER UNITS

Mains Switch as Isolator

N.B. All our consumer units can be configured using either standard MCB's, RCBO's or a combination of the both. Making the range of CED Axiom Consumer Units an ideal choice when rewiring domestic premises is required.

Accessory Packs Included:

- Pre-printed circuit identification labels (new design)
- Phase insulator & Blanks

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
- Sprit level 10 way and above

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.

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

Code	Description	Dimensions WxHxD (mm)	MCB/ RCBO	Min/Box
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 75/77 for specifications.

UK

CE

RoHS

240v

IP20

All products
with suffix TA
conform Type
A RCD

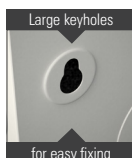
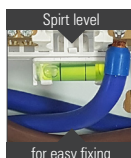
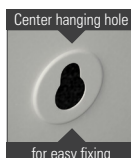


IMPORTANT!

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

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
- Spirit level above 10 ways
- Suffix TA means supplied with Type A RCD



METAL CONSUMER UNITS

Consumer Units with RCD as Main Switch

Typical Example

	Smoke alarms	Burglar Alarm	Upstairs Lights	Downstairs Lights	Immersion Heater	Kitchen Sockets	Upstairs Sockets	Downstairs Sockets	Shower	Cooler	
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

Accessory Packs Included:

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

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	Type A	Description	Dimensions WxHxD (mm)	MCB/ RCBO	Min/Box
MCU4R	MCU4RTA	2 Free Way Metal Consumer Unit c/w 63A DP RCD as Switch	127 x 237 x 110	✗	1/10
MCU6R	MCU6RTA	4 Free Way Metal Consumer Unit c/w 63A DP RCD as Switch	163 x 237 x 110	✗	12
MCU8R	MCU8RTA	6 Free Way Metal Consumer Unit c/w 63A DP RCD as Switch	199 x 237 x 110	✗	6
MCU10R	MCU10RTA	8 Free Way Metal Consumer Unit c/w 63A DP RCD as Switch	235 x 237 x 110	✗	1/10
MCU14R	MCU14RTA	10 Free Way Metal Consumer Unit c/w 63A DP RCD as Switch	307 x 237 x 110	✗	1/16
MCU16R	MCU16RTA	14 Free Way Metal Consumer Unit c/w 80A DP RCD as Switch	343 x 237 x 110	✗	1
MCU18R	MCU18RTA	16 Free Way Metal Consumer Unit c/w 80A DP RCD as Switch	379 x 237 x 110	✗	1/4
MCU21R	MCU21RTA	19 Free Way Metal Consumer Unit c/w 80A DP RCD as Switch	433 x 237 x 110	✗	1/4
MCU24R	MCU24RTA	22 Free Way 2 Tier Metal Consumer Unit c/w 80A DP RCD as Switch	280 x 465 x 110	✗	4

Note: Units supplied without MCB's / RCBO's.



Code: **MSU363/50 / MSU363/SDTA**

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

MSU363/50
MGU563/SDTA

Min/Box: n/a
Min/Box: n/a

Standard
Type A



All products
with suffix TA
conform Type
A RCD

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

- RCD to BSEN61008-1
- Terminal Capacity upto 35mm²
- MCB 6KA IEC60898-1 Single Pole
- IP20

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

METAL CONSUMER UNITS

Garage & Shower Units (with MCB)



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

Code: **MGU563/632 / MGU563/632TA**

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

MGU563/632
MGU563/632TA

Min/Box: 1/12
Min/Box: 1/12

Standard
Type A



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

Code: **MGU63/3CB / MGU63/3CBTA**

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

MGU63/3CB
MGU63/3CBTA

Min/Box: 1/4
Min/Box: 1/4

Standard
Type A



N.B. "MCB's supplied separately and as required by customer.
Please refer to pages 75/77 for specifications.

METAL CONSUMER UNITS

100A Main Safety Isolators



Code: **ISO100SAF**

100Amp DP Isolator c/w Safety Enclosure

- Product Colour/Finish: White
- Isolator: 100A DP
- Terminal Capacity 25mm²
- Knockouts: 20mm
- Dimensions: 147 x 60 x 70mm

Minimum / Box quantity: 1/12

Minimum order quantity: 1

Specifications:

Board - BSEN61439-3 MCB - IEC60898 RCD - IEC61008



Code: **ISO100DP/NS**

100Amp DP Isolator (Bigger Screw Head)

- Product Colour/Finish: White
- Isolator: 100A DP
- Breaking Capacity: 100A
- Body Material: PA66
- Dimensions: 83 x 35 x 50mm

Minimum / Box quantity: 1/6

Minimum order quantity: 1

Specifications:

Board - BSEN61439-3 MCB - IEC60898 RCD - IEC61008



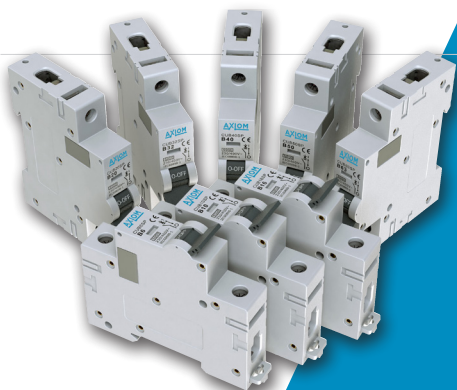
DIN Rail Modules for Consumer Units

Contactors & Timers

Code	Description	Poles	Amps	Min/Box
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 35mm² 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
- Type B Series
- Type A Series

**All products
with suffix TA
conform Type
A RCD**



MCB - 6kA Single Pole (B Type)

Code	Description	Min/Box
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 A Type)

Code	Description	Min/Box
RCBO06TA	Single Modular RCBO 6A 30mA - Type A	1/40
RCBO10TA	Single Modular RCBO 10A 30mA - Type A	1/40
RCBO16TA	Single Modular RCBO 16A 30mA - Type A	1/40
RCBO20TA	Single Modular RCBO 20A 30mA - Type A	1/40
RCBO25TA	Single Modular RCBO 25A 30mA - Type A	1/40
RCBO32TA	Single Modular RCBO 32A 30mA - Type A	1/40
RCBO40TA	Single Modular RCBO 40A 30mA - Type A	1/40



**NEW
RANGE**

Mini RCBO Modules (single module)

Code	Description	Min/Box
RCBO06MINI	Single Module Mini RCBO 6Amp 30mA	1/40
RCBO10MINI	Single Module Mini RCBO 10Amp 30mA	1/40
RCBO16MINI	Single Module Mini RCBO 16Amp 30mA	1/40
RCBO20MINI	Single Module Mini RCBO 20Amp 30mA	1/40
RCBO32MINI	Single Module Mini RCBO 32Amp 30mA	1/40
RCBO40MINI	Single Module Mini RCBO 40Amp 30mA	1/40



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

All products
with suffix TA
conform Type
A RCD

METAL CONSUMER UNITS

RCD Protectors for Consumer Units

**NEW
RANGE**

- 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 breaker 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 (A Type)

Code	Description	Poles	Sensitivity	Min/Box
RCD25TA	25A DP RCD 30mA - Type A	2	30mA	1/10
RCD40TA	40A DP RCD 30mA - Type A	2	30mA	1/10
RCD63TA	63A DP RCD 30mA - Type A	2	30mA	1/10
RCD80TA	80A DP RCD 30mA - Type A	2	30mA	1/10
RCD100TA	100A DP RCD 30mA - Type A	2	30mA	1/10

2 Pole RCD 25A-80A

Code	Description	Poles	Sensitivity	Min/Box
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

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
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

Brass or Nylon Consumer Unit Gland Kits

Benefits & Features

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



Code	Description	Type	Min/Box
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.

The background of the advertisement is a photograph of a modern interior space. It features a prominent staircase with a glass railing and a wooden handrail, set against a concrete wall. The floor is made of light-colored wood. In the foreground, there is a textured, light-colored armchair. The lighting is bright and even.

Always ensure you employ a qualified electrician for all your wiring needs. For advice as to which unit to supply. Please ring our technical department on the number below.

85 Kaguvi Street Harare, Office Mall
+263 777 982 774
www.dentricelectrical.com
info@dentricelectrical.com