

CIRCUIT PROTECTION CONSUMER UNITS



- Consumer Units
- Garage Units
- Shower Units
- EV Units
- Bidirectional MCB
- Bidirectional RCD
- Bidirectional RCBO
- Bidirectional AFDD
- Surge & Lighting Arrestors
- Accessories



CONTENTS

MAIN SWITCH CONSUMER UNITS

Surge Protection Consumer Unit.....	4
Isolator Incomer Switch Consumer Unit.....	4
Isolator Incomer Switch Double Deck Consumer Unit.....	4
RCD Consumer Unit.....	4

GARAGE & SHOWER UNITS

Garage Consumer Unit.....	5
Shower Consumer Unit.....	5

EV DISTRIBUTION BOARDS

EV Charger Distribution Unit.....	5
Fused Switch.....	5

ENCLOSURES

Empty Enclosures.....	6
-----------------------	---

CONSUMER UNIT ACCESSORIES

Copper Pin Busbar.....	6
Connecting Bar.....	6
Blank Modules.....	6
Surge Arrester Kits.....	7
Time Clocks.....	7
Energy Meters.....	7
Modular Contactors.....	7
Lockout Kits.....	7

CIRCUIT PROTECTION

Isolator Switch.....	8
RCD.....	8
RCD Time Delay.....	8
MCB.....	8
Compact RCBO.....	9
Compact RCBO Switched Neutral.....	9
RCBO.....	10
Double Pole 2 Module RCBO.....	11
AFDD.....	12

SURGE PROTECTION DEVICES

Surge Arresters T2 PV Solar Systems.....	13
Lightning Surge Arresters T1+T2 PV Solar Systems.....	13
Surge Arrester Devices Selection Chart.....	14

DIMENSIONS	15
-------------------------	----



INTRODUCTION

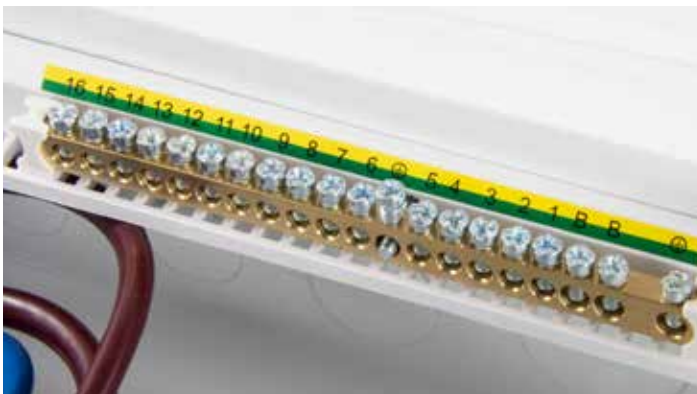
Welcome to our range of metal clad consumer units and circuit protection devices, these are manufactured to comply with current standards and are independently tested, so with MCG's 40 years of experience you know you are in safe hands when choosing our circuit protection products.

Our Product Features

A range of metal clad consumer units with the following features:

- Fully enclosed metal construction body with drop-down metal cover
- Ferruled cable ends for secure connection
- Raised keyholes for secure easy installation
- Multiple circular cable entry knockouts top [M25, M32 and M40] plus rear aperture/rounded cable entries
- Finished in white polyester powder coating to RAL90
- IP20 protection Unless stated otherwise
- Retained lid screws
- BS EN 61439-3

All circuit protection devices are manufactured in accordance with current standards and are independently tested.



Numbered Neutral and Earth Terminals



Ferruled cable ends, offer more secure connections



Full Metal DIN Rails



Captive screws for front cover



Multiple circular cable entry knock-outs

MAIN SWITCH CONSUMER UNITS

SURGE PROTECTION CONSUMER UNIT

- Complete with fully fitted and pre-wired 2 pole 100A incoming Isolator
- 1 x Type 2 SPD and 1 x 32A MCB10
- SPD is suitable for TN-C-S, TN-S and TT earthing system
- SPD is compliant to 18th Edition Wiring Regulations [BS 7671:2018 Surge Protection]

Code	Ref No	Description	Usable Ways
2711-1355	MMSB4SPDM	100A Incomer - T2 Surge Arrester	4
2711-1373	MMSB6SPDM	100A Incomer - T2 Surge Arrester	6
2711-1379	MMSB8SPDM	100A Incomer - T2 Surge Arrester	8
2713-0024	MMSB10SPDM	100A Incomer - T2 Surge Arrester	10
2713-0027	MMSB12SPDM	100A Incomer - T2 Surge Arrester	12
2713-0030	MMSB14SPDM	100A Incomer - T2 Surge Arrester	14
2799-8299	MMSB18SPDM	100A Incomer - T2 Surge Arrester	18



MMSB12SPDM

MCG Industrial Branded SPD

ISOLATOR INCOMER SWITCH CONSUMER UNIT

- Complete with fully fitted and pre-wired 2 pole 100A incoming isolator

Code	Ref No	Description	Usable Ways
2073-7342	MMSB2	100A Incomer	2
2073-7348	MMSB4	100A Incomer	4
2073-7366	MMSB6	100A Incomer	6
2073-7378	MMSB8	100A Incomer	8
2646-0604	MMSB10	100A Incomer	10
2073-7333	MMSB12	100A Incomer	12
2403-3820	MMSB14	100A Incomer	14
2073-7336	MMSB16	100A Incomer	16
2073-7339	MMSB19	100A Incomer	19
2403-3823	MMSB20	100A Incomer	20



MMSB16

ISOLATOR INCOMER SWITCH DOUBLE DECK CONSUMER UNIT

- Complete with fully fitted and pre-wired 2 pole 100A incoming isolator

Code	Ref No	Description	Usable Ways
2073-7342	MMSB22	125A Incomer	22



RCD CONSUMER UNIT

- Complete with fully fitted and pre-wired 80A 2 pole 30mA Type A RCD

Code	Ref No	Description	Usable Ways
2711-1304	MMSB4R80AT	RCD 80A Controlled	4
2711-1307	MMSB6R80AT	RCD 80A Controlled	6



MMSB4R80AT

GARAGE AND SHOWER UNITS

GARAGE CONSUMER UNIT

- Complete with fully fitted and pre-wired 2 pole 63A 30mA Type A RCD
- 1 x 6A MCB B Curve and 1 x 16A MCB B Curve
- IP65 Option Available
- 4 Way Empty Enclosure Option (IP65) - see page 6 for details

Code	Ref No	Description
2646-0598	MGU63AT616	RCD & MCB Populated +B59IP20
2646-0601	MGU63AT616IP65	RCD & MCB Populated IP65



MGU63AT616



MGU63AT616IP65

SHOWER CONSUMER UNIT

- Complete with fully fitted and pre-wired 2 pole 63A 30mA RCD
- 1 x 40A or 50A MCB B Curve

Code	Ref No	Description
2646-0493	MSU63AT40	RCD 40A Type A 30mA Shower Unit
2646-0496	MSU63AT50	RCD 50A Type A 30mA Shower Unit



MSU63AT40

EV DISTRIBUTION BOARDS

EV CHARGER DISTRIBUTION UNIT

- Complete fully fitted and pre-wired 2 pole 100A incoming isolator and T2 SDP & 32A MCB
- 32 & 40A RCBO Options (Except EVR)
- SPD is suitable for TN-C-S, TN-S and TT earthing system
- SPD is compliant to 18th Edition Wiring Regulations [BS 7671:2018 Surge Protection]

Code	Ref No	Description
2797-3717	EVR32	100A Isolator, T2 SPD with MCB & B32 RCBO
2797-3720	EVR40	100A Isolator, T2 SPD with MCB & B40 RCBO
2797-3714	EVR	100A Isolator, T2 SPD with MCB & B32 MCB



EVR32

FUSED SWITCH

Enclosed switch with fuseholder complete with multiple or single fuse, metal or plastic body option.

Code	Ref No	Description
2302-9522	MCGSFML	Metal Switchfuse with 63, 80 & 100A fuses included
2259-4870	63SF	Metal Switchfuse with 63A Fuse
2259-4873	80SF	Metal Switchfuse with 80A Fuse
2259-4867	100SF	Metal Switchfuse with 100A Fuse
2057-1973	SPFS80A	Plastic Switchfuse Only
2095-3243	SPFS80AF	Plastic Switchfuse with 63 & 80A Fuse



MCGSFML



SPFS80A

ENCLOSURES

EMPTY ENCLOSURES

- Fully enclosed metal construction body with drop-down metal cover, DIN rail and earth bar

Code	Ref No	Description	Usable Ways
Small Body			
2191-0537	ME2S	Empty Enclosure IP20	2
2606-4979	ME3S	Empty Enclosure IP20	3
2191-0543	ME4S	Empty Enclosure IP20	4
Large Body			
2191-0543	ME2L	Empty Enclosure IP20	2
2606-4976	ME3L	Empty Enclosure IP20	3
2191-0540	ME4L	Empty Enclosure IP20	4
2646-0373	ME6L	Empty Enclosure IP20	6
2646-0376	ME8L	Empty Enclosure IP20	8
2646-0370	ME12L	Empty Enclosure IP20	12
IP65			
2275-1353	MGUE4WIP65	Empty Enclosure IP65	4



CONSUMER UNIT ACCESSORIES

COPPER PIN BUSBAR

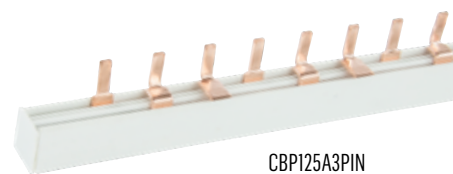
100A rated with end covers, 4-20 Pin Options.



11WBB

CONNECTING BAR

Multiple pin copper connecting bar 100-125A 1M Length.



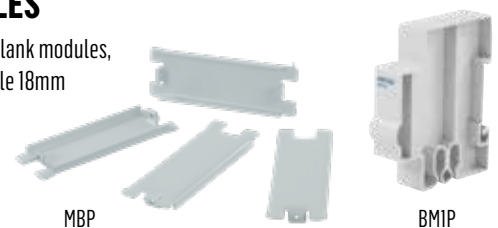
CBP125A3PIN

Code	Ref No	Description	Pins
2719-8676	4WBB	Copper Pin Busbar 100A	2
2646-0349	5WBB	Copper Pin Busbar 100A	3
2646-0352	6WBB	Copper Pin Busbar 100A	4
2646-0355	7WBB	Copper Pin Busbar 100A	2
2646-0358	8WBB	Copper Pin Busbar 100A	3
2646-0361	9WBB	Copper Pin Busbar 100A	4
2646-0328	10WBB	Copper Pin Busbar 100A	10
2646-0331	11WBB	Copper Pin Busbar 100A	11
2646-0334	12WBB	Copper Pin Busbar 100A	12
2646-0337	13WBB	Copper Pin Busbar 100A	13
2646-0340	14WBB	Copper Pin Busbar 100A	14
2646-0343	15WBB	Copper Pin Busbar 100A	15
2646-0346	16WBB	Copper Pin Busbar 100A	16
2799-8305	17WBB	Copper Pin Busbar 100A	17
2163-3127	19WBB	Copper Pin Busbar 100A	19
2718-0604	20WBB	Copper Pin Busbar 100A	20

Code	Ref No	Description	Pins
2760-9355	CBP100A1PIN	Copper Pin Connecting Bar 100A	1
2760-9358	CBP100A2PIN	Copper Pin Connecting Bar 100A	2
2760-9361	CBP125A3PIN	Copper Pin Connecting Bar 125A	3

BLANK MODULES

Consumer unit 18mm blank modules, metal pack of 4 or Single 18mm module plastic option.



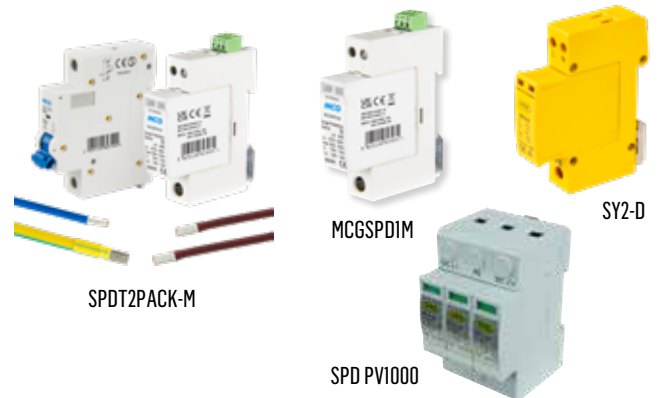
Code	Ref No	Description
2195-5240	MBP	4 x Blanking Module Metal
2020-1194	BMIP	1 x Blanking Module Plastic

CONSUMER UNIT ACCESSORIES

SURGE ARRESTER KITS

A T2 Surge Arrester, 32A MCB & cable connecting pack. There are two brand options MCG or SPD Co., the SPD Co device is supplied with a 10 Year Manufactures Warranty.

Code	Ref No	Description
2696-8078	SPD2PACK-M	T2 Surge Arrester Kit MCG
2696-8078	SPD2PACK-S	T2 Surge Arrester Kit SPD Co.
2737-2202	MCGSPDIM	T2 Surge Arrester
2433-7003	SY2-D	T2 Surge Arrester
2764-7161	SPD PVI000	T2 Surge Arrester DC - for solar PV installations



TIME CLOCKS

Din rail mounted time clocks.

Code	Ref No	Description
2292-7510	MCGT80C	16A Single Channel 7 Day 24 Hours Timer
0968-4421	STM10	Multi Voltage Multi Function Timer



ENERGY METERS

Din rail and surface mounted kWh electricity meters.

Code	Ref No	Description
0702-9838	DIP45A	16A Single Channel 7 Day 24 Hours Timer
2027-1052	MIPH10MIDMETER	Single Phase Single Tariff
2772-0991	MIPH100MID/EC	Single Phase Single Tariff with extended cover
2764-4347	MIPH100MID/BI/EC	Single Phase Bidirectional with extended cover
2764-4353	MIPH100MID/NR/EC	Single Phase Bidirectional Net with extended cover



MODULAR CONTACTORS

Din rail mounted 230v coil switching contactor suitable for heating and lighting applications.



Code	Ref No	Description
1469-6029	MC120	2NO 20A 1 Module
1469-4562	MC225	4NO 25A 2 Module
1462-6381	MC340	4NO 40A 3 Module
1462-6384	MC363	4NO 63A 3 Module

LOCKOUT KITS

No tool & personal lockout kits for domestic electrical contractors.



Code	Ref No	Description
2483-8702	Loto Kit A	MCB Lockout (no tool) & Brass Padlock
2483-8705	Loto Kit B	MCB Aluminium Toggle & Universal Lockout, Steel Red Padlock, Tag, Ties & Pouch (Personal Lockout Kit)
2483-8732	RWPT01	Non Permanent Market Pen for Lockout Tags

CIRCUIT PROTECTION

ISOLATOR SWITCH

Features:

- Suitable for isolation to IEC 60947-3
- Insulated DIN rail clips
- Ergonomic hand grip for easy installation
- Red switch handle for rapid identification

Code	Ref No	Amp	Pole
100A			
2163-3175	100A2P1	100A	2
2163-3178	100A3P1	100A	3
125A			
2411-2879	125A2P1	125A	2
2123-6857	125A3P1	125A	3



125A4PI

RCD

Features:

- Bidirectional
- Insulated din rail clips
- Type A & B options
- 2 & 4 Pole options
- Multiple ma sensitivity options
- Multiple amp over current ratings
- Time delay 'S' options
- Test button
- Fault tripping indication window



63A2P30BT

Code	Ref No	Type	mA	Time Delay	Amps	Pole	Short Circuit Rating
Type B 30mA							
2577-8734	63A2P30BT	B	30	-	63A	2	10kA
Type A 2P 30mA							
2579-4520	25A2P30AT	A	30	-	25A	2	6kA
2579-4535	40A2P30AT	A	30	-	40A	2	6kA
2579-4559	63A2P30AT	A	30	-	63A	2	6kA
2579-4574	80A2P30AT	A	30	-	80A	2	6kA
2579-4493	100A2P30AT	A	30	-	100A	2	6kA
Type A 2P 100mA							
2647-6993	80A2P100AT	A	100	-	80A	2	6kA
2579-4481	100A2P100AT	A	100	-	100A	2	6kA
Type A 2P 300mA							
2647-6978	63A2P300AT	A	300	-	63A	2	6kA
2579-4589	100A2P300AT	A	300	-	100A	2	6kA

RCD TIME DELAY

Features:

- Bidirectional
- Type 's'
- 200-300MS time delay
- Insulated DIN rail clips
- Test button
- Fault tripping indication window



25A2P100ATD

Code	Ref No	Type	mA	Time Delay ms	Amps	Pole	Short Circuit Rating
2P 100mA							
2647-6939	25A2P100ATD	A	100	200 - 300ms	25A	2	6kA
2647-6960	40A2P100ATD	A	100	200 - 300ms	40A	2	6kA
2647-6975	63A2P100ATD	A	100	200 - 300ms	63A	2	6kA
2647-6996	80A2P100ATD	A	100	200 - 300ms	80A	2	6kA
2579-4484	100A2P100ATD	A	100	200 - 300ms	100A	2	6kA
2P 300mA							
2579-4490	100A2P300ATD	A	300	200 - 300ms	100A	2	6kA

MCB

Features:

- Bidirectional
- Insulated DIN rail clips
- Ergonomic hand grip
- Multiple trip curve options
- Multiple pole options
- 6kA & 10kA options



6A1PB6

Code	Ref No	Amps	Pole	Trip Curve	No. of Modules	Short Circuit Rating
B Curve						
2123-7115	6A1PB6	6A	1P	B	1	6kA
2123-6827	10A1PB6	10A	1P	B	1	6kA
2123-6866	16A1PB6	16A	1P	B	1	6kA
2123-6908	20A1PB6	20A	1P	B	1	6kA
2123-6968	32A1PB6	32A	1P	B	1	6kA
2123-7001	40A1PB6	40A	1P	B	1	6kA
2123-7046	50A1PB6	50A	1P	B	1	6kA
2123-7079	63A1PB6	63A	1P	B	1	6kA
C Curve						
2123-7121	6A1PC6	6A	1P	C	1	6kA
2123-6833	10A1PC6	10A	1P	C	1	6kA
2123-6872	16A1PC6	16A	1P	C	1	6kA
2123-6914	20A1PC6	20A	1P	C	1	6kA
2123-6974	32A1PC6	32A	1P	C	1	6kA
2123-7007	40A1PC6	40A	1P	C	1	6kA
2123-7052	50A1PC6	50A	1P	C	1	6kA
2123-7085	63A1PC6	63A	1P	C	1	6kA

CIRCUIT PROTECTION

COMPACT RCBO

Features:

- IP+N Type A
- 30mA sensitivity 6kA rated
- Single module
- Compact design
- Positive indication
- Test button
- Insulated DIN rail clips
- Fault trip indication window



6A2P30B6MAT

Code	Ref No	Type	mA	Amps	Pole	Trip Curve	Body Type	Number of Modules	Short Circuit Rating
2704-6396	6A2P30B6MAT	A	30	6A	1P+N	B	Compact	1	6kA
2704-6360	10A2P30B6MAT	A	30	10A	1P+N	B	Compact	1	6kA
2704-6366	16A2P30B6MAT	A	30	16A	1P+N	B	Compact	1	6kA
2704-6372	20A2P30B6MAT	A	30	20A	1P+N	B	Compact	1	6kA
2704-6378	25A2P30B6MAT	A	30	25A	1P+N	B	Compact	1	6kA
2704-6384	32A2P30B6MAT	A	30	32A	1P+N	B	Compact	1	6kA
2704-6390	40A2P30B6MAT	A	30	40A	1P+N	B	Compact	1	6kA

COMPACT RCBO SWITCHED NEUTRAL

Features:

- Bidirectional
- IP+N Type A
- Switched neutral
- 30mA sensitivity 6kA rated
- Single module
- Compact design
- Positive indication
- Test button
- Insulated DIN rail clips
- Fault trip indication window



32ARSN6B

Code	Ref No	Type	mA	Amps	Pole	Trip Curve	Body Type	Number of Modules	Short Circuit Rating
2797-8712	6ARSN6B	A	30	6A	1P+N Switch Neutral	B	Compact	1	6kA
2797-8694	10ARSN6B	A	30	10A	1P+N Switch Neutral	B	Compact	1	6kA
2797-8697	16ARSN6B	A	30	16A	1P+N Switch Neutral	B	Compact	1	6kA
2797-8700	20ARSN6B	A	30	20A	1P+N Switch Neutral	B	Compact	1	6kA
2797-8703	25ARSN6B	A	30	25A	1P+N Switch Neutral	B	Compact	1	6kA
2797-8706	32ARSN6B	A	30	32A	1P+N Switch Neutral	B	Compact	1	6kA
2797-8709	40ARSN6B	A	30	40A	1P+N Switch Neutral	B	Compact	1	6kA

CIRCUIT PROTECTION

RCBO

Features:

- Insulated DIN rail clips
- Sensitivity 30mA
- Test 'T' operating test button on the front panel
- Fault tripping indicator window
- Complete with 750mm Neutral and Earth cables
- Ergonomic hand grip for easy installation



6A2P30BAT

Code	Ref No	Type	mA	Amps	Pole	Trip Curve	Body Type	Number of Modules	Short Circuit Rating
1P+N B Curve									
2646-5629	6A2P30BAT	A	30	6A	1P+N	B	Standard	1	10kA
2646-5587	10A2P30BAT	A	30	10A	1P+N	B	Standard	1	10kA
2646-5593	16A2P30BAT	A	30	16A	1P+N	B	Standard	1	10kA
2646-5599	20A2P30BAT	A	30	20A	1P+N	B	Standard	1	10kA
2646-5611	32A2P30BAT	A	30	32A	1P+N	B	Standard	1	10kA
2646-5617	40A2P30BAT	A	30	40A	1P+N	B	Standard	1	10kA
2646-5623	50A2P30BAT	A	30	50A	1P+N	B	Standard	1	10kA
1P+N C Curve									
2646-5632	6A2P30CAT	A	30	6A	1P+N	C	Standard	1	10kA
2646-5590	10A2P30CAT	A	30	10A	1P+N	C	Standard	1	10kA
2646-5596	16A2P30CAT	A	30	16A	1P+N	C	Standard	1	10kA
2646-5602	20A2P30CAT	A	30	20A	1P+N	C	Standard	1	10kA
2646-5614	32A2P30CAT	A	30	25A	1P+N	C	Standard	1	10kA
2646-5620	40A2P30CAT	A	30	32A	1P+N	C	Standard	1	10kA
2646-5626	50A2P30CAT	A	30	40A	1P+N	C	Standard	1	10kA



CIRCUIT PROTECTION

DOUBLE POLE 2 MODULE RCBO

Features:

- Bidirectional
- For domestic and commercial applications such as EV, heat pumps and solar installations
- Combines residual and overcurrent protection 30mA sensitivity 10kA rated
- No Pole Polarity
- Cable Entry Top or Bottom
- B & C Trip Curve Options
- Double Module 2 Pole protection
- Positive Indication
- Test Button and Trip Indication Window
- Full protection
- 6A to 63A options
- Din rail mounted
- BS EN 61009-1



63ADP30CAT

Code	Ref No	Type	mA	Amps	Pole	Trip Curve	Body Type	Number of Modules	Short Circuit Rating
2P B Curve									
2647-6987	6ADP30BAT	A	30	6A	2P	B	Compact	2	10kA
2647-6921	10ADP30BAT	A	30	10A	2P	B	Compact	2	10kA
2647-6927	16ADP30BAT	A	30	16A	2P	B	Compact	2	10kA
2647-6933	20ADP30BAT	A	30	20A	2P	B	Compact	2	10kA
2647-6948	25ADP30BAT	A	30	25A	2P	B	Compact	2	10kA
2647-6954	32ADP30BAT	A	30	32A	2P	B	Compact	2	10kA
2647-6963	40ADP30BAT	A	30	40A	2P	B	Compact	2	10kA
2647-6969	50ADP30BAT	A	30	50A	2P	B	Compact	2	10kA
2647-6981	63ADP30BAT	A	30	63A	2P	B	Compact	2	10kA
2P C Curve									
2647-6990	6ADP30CAT	A	30	6A	2P	C	Compact	2	10kA
2647-6924	10ADP30CAT	A	30	10A	2P	C	Compact	2	10kA
2647-6930	16ADP30CAT	A	30	16A	2P	C	Compact	2	10kA
2647-6936	20ADP30CAT	A	30	20A	2P	C	Compact	2	10kA
2647-6951	25ADP30CAT	A	30	25A	2P	C	Compact	2	10kA
2647-6957	32ADP30CAT	A	30	32A	2P	C	Compact	2	10kA
2647-6966	40ADP30CAT	A	30	40A	2P	C	Compact	2	10kA
2647-6972	50ADP30CAT	A	30	50A	2P	C	Compact	2	10kA
2647-6984	63ADP30CAT	A	30	63A	2P	C	Compact	2	10kA



CIRCUIT PROTECTION

AFDD

Features:

- Bidirectional
- Microprocessor fault detection
- Combinde RCBO [RCD - MCB] & Arc fault protection
- Type A
- 1P+N
- Switched neutral
- B & C trip curve options
- Single module
- Fault indication window



32A2P30BAFDD

Code	MCG Ref No	Type	mA	Amps	Pole	Trip Curve	Body Type	Number of Modules	Short Circuit Rating
1P+N B Curve									
2577-8644	6A2P30BAFDD	A	30	6A	1P+N	B	Standard	1	6kA
2577-8698	10A2P30BAFDD	A	30	10A	1P+N	B	Standard	1	6kA
2577-8704	16A2P30BAFDD	A	30	16A	1P+N	B	Standard	1	6kA
2577-8710	20A2P30BAFDD	A	30	20A	1P+N	B	Standard	1	10kA
2577-8722	32A2P30BAFDD	A	30	32A	1P+N	B	Standard	1	6kA
2577-8728	40A2P30BAFDD	A	30	40A	1P+N	B	Standard	1	6kA
1P+N C Curve									
2577-8647	6A2P30CAFDD	A	30	6A	1P+N	C	Standard	1	6kA
2577-8701	10A2P30CAFDD	A	30	10A	1P+N	C	Standard	1	6kA
2577-8707	16A2P30CAFDD	A	30	16A	1P+N	C	Standard	1	6kA
2577-8713	20A2P30CAFDD	A	30	20A	1P+N	C	Standard	1	6kA
2577-8725	32A2P30CAFDD	A	30	32A	1P+N	C	Standard	1	6kA
2577-8731	40A2P30CAFDD	A	30	40A	1P+N	C	Standard	1	6kA



SURGE PROTECTION DEVICES

SURGE ARRESTERS T2 PV SOLAR SYSTEMS

Code	Ref No	Phase	Type	SPD Modules	SPD Poles	Rating
2524-903	SPD PV600	DC	T2	3	[+ -]	600V DC
2524-900	SPD PV1000	DC	T2	3	[+ -]	1000V DC



SPD PV600

SPD PV1000

LIGHTNING SURGE ARRESTERS T1 + T2 PV SOLAR SYSTEMS

Code	Ref No	Phase	Type	SPD Modules	SPD Poles	Rating
2764-7161	LSPDPV1000	DC	T1 + T2	3	[+ -]	1000V DC



Please Note:

Other devices are also available for specific protection purposes such as:

- Telephones/Modems/Fax
- Coaxial
- CCTV
- Satellite
- Fire Alarms

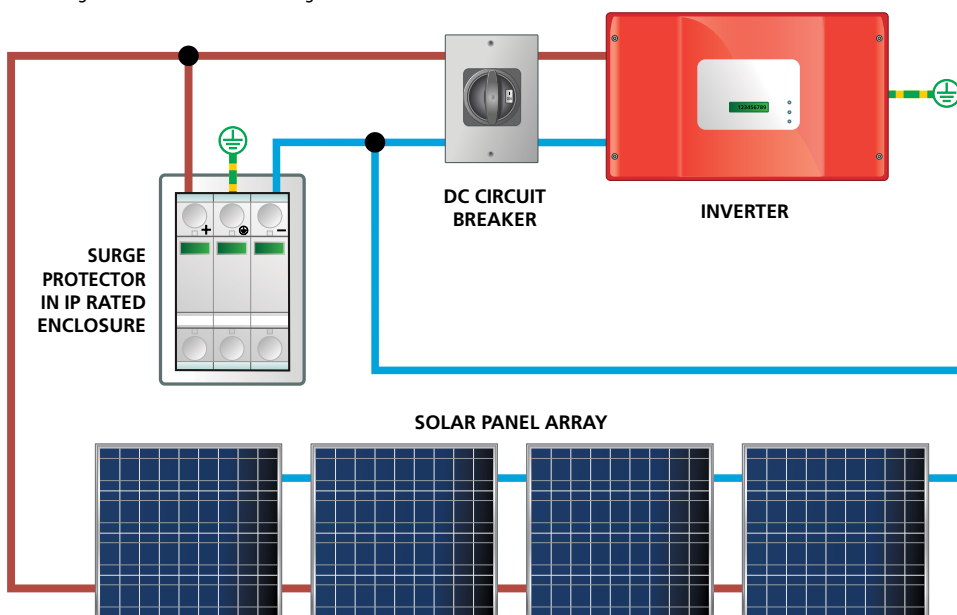
For details on our full range of Surge & Lightning Arresters, scan the QR Code:

AWAITING
QR CODE



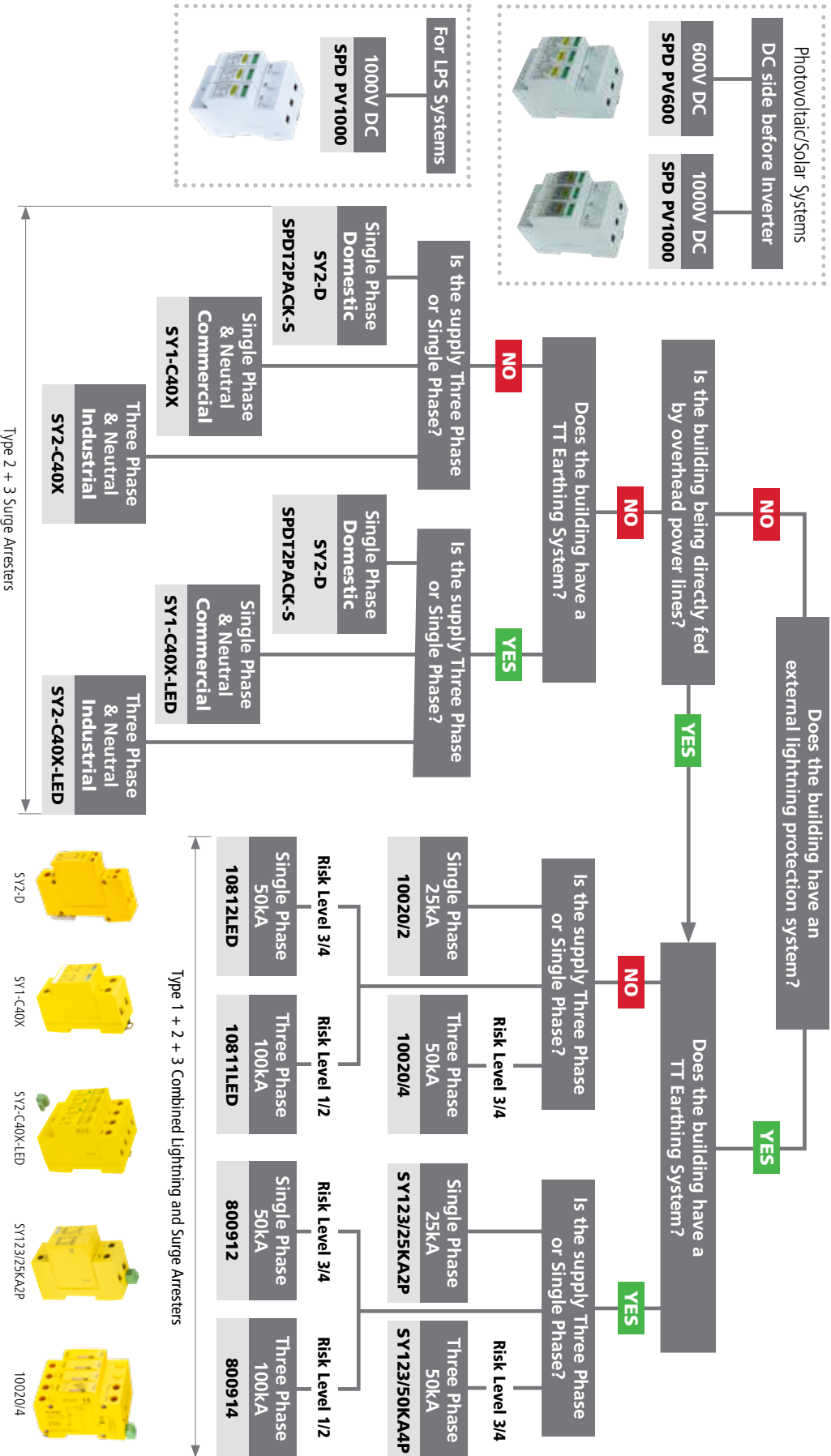
SURGE PROTECTION DEVICE IN A PHOTOVOLTAIC/SOLAR PANEL SYSTEM

For fitting a 600V DC or 1000V DC Surge Protection Device.



SURGE ARRESTER DEVICES SELECTION CHART

WHICH SURGE PROTECTION DEVICE DO I NEED?



USE THIS CHART TO CHOOSE YOUR DEVICE

Main Incoming Position - Type 1 PROTECTION AGAINST DIRECT LIGHTNING CURRENTS [LIGHTNING CURRENT ARRESTER] - 10/350µs	Sub Dist. Board Position - Type 2 PROTECTION AGAINST INDIRECT LIGHTNING EFFECTS [SURGE ARRESTER] - 8/20µs	Final Sub Circuit - Type 3 PROTECTION AGAINST SWITCHING OVERVOLTAGES [SURGE ARRESTER] - 8/20µs
--	---	--

Please Note: Devices are also available for specific protection, such as: Telephone/Fax/Modems, Co-axial/BNC/CCTV/Satellite, Power over Ethernet etc., as per BS7671:2018 - Further details on request.

DIMENSIONS

Code	Ref No	Height [mm]	Width [mm]	Depth [mm]	Page No
Surge Protection Consumer Unit					
2711-1355	MMSB4SPDM	235	233	110	4
2711-1373	MMSB6SPDM	235	269	110	4
2711-1379	MMSB8SPDM	235	305	110	4
2713-0024	MMSB10SPDM	235	341	110	4
2713-0027	MMSB12SPDM	235	377	110	4
2713-0030	MMSB14SPDM	235	377	110	4
2799-8299	MMSB18SPDM	235	235	110	4
Main Incomer Switch Consumer Units					
2073-7342	MMSB2	235	125	110	4
2073-7348	MMSB4	235	161	110	4
2073-7366	MMSB6	235	197	110	4
2073-7378	MMSB8	235	233	110	4
2646-0604	MMSB10	235	269	110	4
2073-7333	MMSB12	235	305	110	4
2403-3820	MMSB14	235	235	110	4
2073-7336	MMSB16	235	235	110	4
2073-7339	MMSB19	235	235	110	4
2403-3823	MMSB20	235	235	110	4
Main Incomer Switch Double Deck Consumer Unit					
2073-7342	MMSB22	465	465	110	4
RCD Consumer Unit					
2711-1304	MMSB4R80AT	235	161	110	4
2711-1307	MMSB6R80AT	235	197	110	4
Garage Consumer Unit					
2646-0598	MGU63AT616	183	125	110	5
2646-0601	MGU63AT616IP65	220	140	110	5
Shower Consumer Unit					
2646-0493	MSU63AT40	183	125	183	5
2646-0496	MSU63AT50	183	125	183	5
EV Charger Distribution Units					
2797-3714	EVR	183	143	183	5
2797-3717	EV32	183	143	183	5
2797-3720	EV40	183	143	183	5
Fused Switch					
2302-9522	MCGSFML	225	115	65	5
2259-4870	63SF	225	115	65	5
2259-4873	80SF	225	115	65	5
2259-4867	100SF	225	115	65	5
????	SPFS80A	??	??	??	5
????	SPFS80AF	??	??	??	5
Empty Enclosures					
2191-0537	ME2S	183	125	110	6
2606-4979	ME3S	220	140	110	6
2191-0543	ME4S	175	110	82	6
2191-0543	ME2L	225	80	82	6
2606-4976	ME3L	225	115	82	6
2191-0540	ME4L	225	115	82	6
2646-0373	ME6L	235	161	110	6
2646-0376	ME8L	235	197	110	6
2646-0370	ME12L	235	269	110	6
2275-1353	MGUE44WIP65	220	140	100	6

Code	Ref No	Height [mm]	Width [mm]	Depth [mm]	Page No
Copper Pin Busbar					
2719-8676	4WBB	28	60	2	6
2646-0349	5WBB	28	78	2	6
2646-0352	6WBB	28	96	2	6
2646-0355	7WBB	28	114	2	6
2646-0358	8WBB	28	132	2	6
2646-0361	9WBB	28	150	2	6
2646-0328	10WBB	28	168	2	6
2646-0331	11WBB	28	186	2	6
2646-0334	12WBB	28	204	2	6
2646-0337	13WBB	28	222	2	6
2646-0340	14WBB	28	240	2	6
2646-0343	15WBB	28	256	2	6
2646-0346	16WBB	28	276	2	6
2799-8305	17WBB	28	294	2	6
2163-3127	19WBB	28	330	2	6
2718-0604	20WBB	28	348	2	6
Connecting Bar					
2760-9355	CBP100A1PIN	-	1000	-	6
2760-9358	CBP100A2PIN	-	1000	-	6
2760-9361	CBP125A3PIN	-	1000	-	6
Blank Modules					
2195-5240	MBP	-	18	-	6
2020-1194	BMIP	-	18	-	6



Unit 1, Railway Court, Ten Pound Walk, Doncaster, South Yorkshire, DN4 5FB
Tel: +44 [0]1302 342 642

mcg.co.uk |  mcg_industrial

MCGCAT01



© MCG 2024 - E&OE Errors and Omissions excepted

MCG1382/04.24