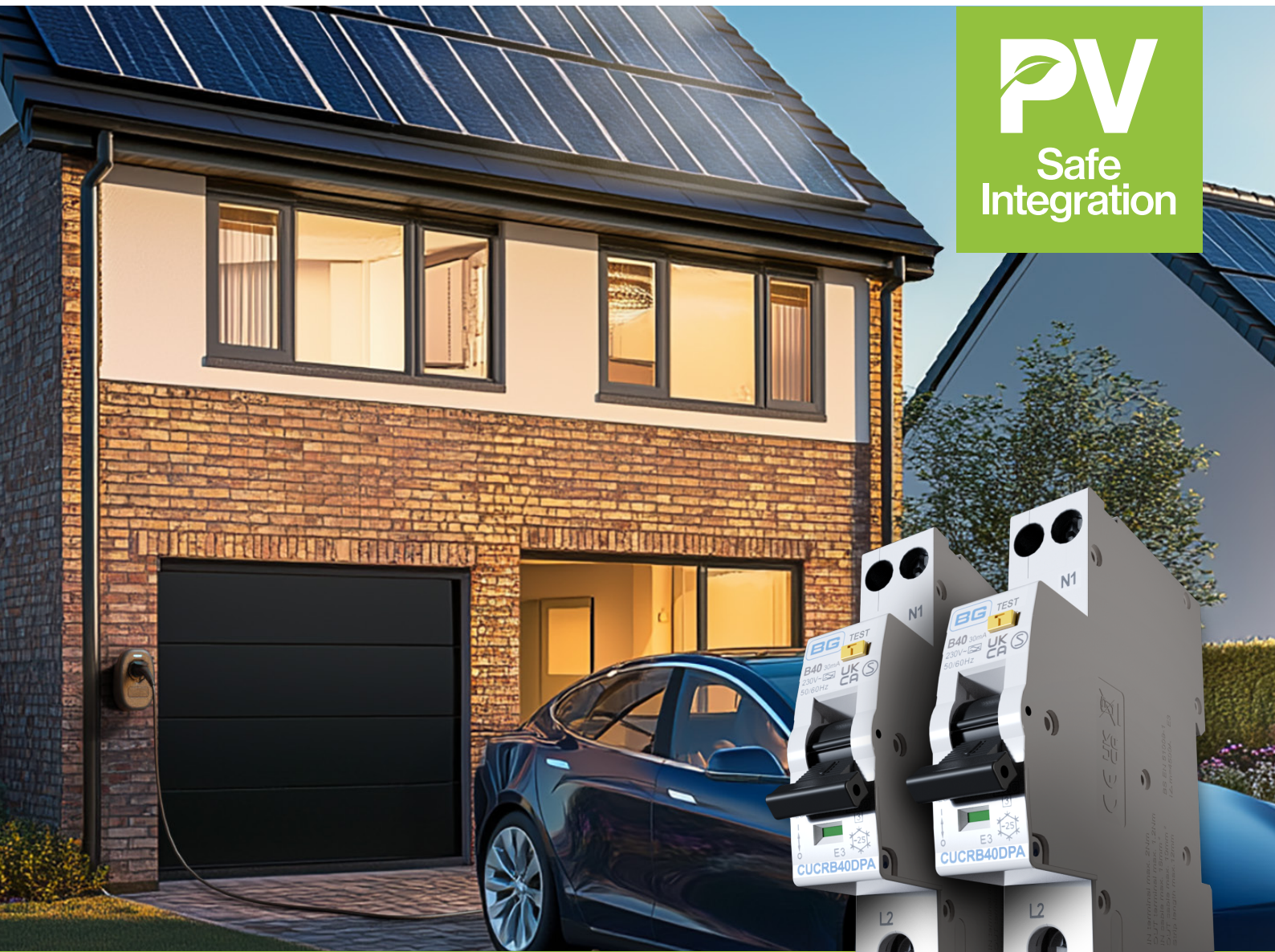




CIRCUIT PROTECTION



PV
Safe
Integration

Designed for Solar Success

With the rising demand for solar energy, **BG Electrical** is at the forefront, offering circuit protection to support the seamless integration of **Photovoltaic (PV) Systems** into residential electrical setups. Our **BG Circuit Protection** devices and enclosures ensure safe, compliant, and efficient integration of both grid-supplied and solar-generated power, making them an ideal choice for solar PV projects of any scale.

Whether it's for a new installation or an upgrade, BG Electricals' solutions empower contractors to handle PV-generated electricity efficiently, ensuring regulatory compliance.



View our full product range at bgelectrical.uk

Consumer unit enclosures

Product	SKU	Description
Empty Consumer Unit Enclosure	CFUE4M	IP2X 4 Module Empty Enclosure – White
Consumer Unit Enclosure	CF6M4	IP20 – 6 module, 4-way, 100Amp Main Switch
	CF6R14	IP20 – 6 module, 4-way, 100Amp, 30mA, Type A RCD Switch
Consumer Unit Enclosure	CF9M7	IP20 – 9 module, 7-way, 100Amp Main Switch
	CF9R17	IP20 – 9 module, 7-way, 100Amp, 30mA, Type A RCD Switch
Empty Consumer Unit Enclosure	CFE5W	IP65 – 5 module, Metal Empty Enclosure – White
Empty Consumer Unit Enclosure	CFE5G	IP65 – 5 Module Metal, Empty Enclosure – Grey

RCD Devices

Product	SKU	Description
Main Isolator	CUSW100	2 Module, Double Pole Main Isolator – Consumer Unit
RCD Device	CUR8030A	2 Module, 80 Amp 30mA Type A Bidirectional RCD
RCD Device	CUR10030A	2 Module, 100 Amp 30mA Type A Bidirectional RCD
RCD Device	CUR6330B	2 Module, 63Amp 30mA Type B Bidirectional RCD

RCBO's

Product	SKU	Description
DP RCBO Type A B Curve	CUCRB6DPA	Compact, 6A, 30mA, B Curve, Type A, Double Pole, RCBO, Bidirectional, Single Module
DP RCBO Type A B Curve	CUCRB10DPA	Compact ,10A, 30mA, B Curve, Type A, Double Pole, RCBO, Bidirectional, Single Module
DP RCBO Type A B Curve	CUCRB16DPA	Compact, 16A, 30mA, B Curve, Type A, Double Pole, RCBO, Bidirectional, Single Module
DP RCBO Type A B Curve	CUCRB20DPA	Compact, 20A, 30mA, B Curve, Type A, Double Pole, RCBO, Bidirectional, Single Module
DP RCBO Type A B Curve	CUCRB25DPA	Compact, 25A, 30mA, B Curve, Type A, Double Pole, RCBO, Bidirectional, Single Module
DP RCBO Type A B Curve	CUCRB32DPA	Compact, 32A, 30mA, B Curve, Type A, Double Pole, RCBO, Bidirectional, Single Module
DP RCBO Type A B Curve	CUCRB40DPA	Compact, 40A, 30mA, B Curve, Type A, Double Pole, RCBO, Bidirectional, Single Module
DP RCBO Type A C Curve	CUCRC6DPA	Compact, 6A, 30mA, C Curve, Type A, Double Pole, RCBO, Bidirectional, Single Module
DP RCBO Type A C Curve	CUCRC10DPA	Compact ,10A, 30mA, C Curve, Type A, Double Pole, RCBO, Bidirectional, Single Module
DP RCBO Type A C Curve	CUCRC16DPA	Compact, 16A, 30mA, C Curve, Type A, Double Pole, RCBO, Bidirectional, Single Module
DP RCBO Type A C Curve	CUCRC20DPA	Compact, 20A, 30mA, C Curve, Type A, Double Pole, RCBO, Bidirectional, Single Module
DP RCBO Type A C Curve	CUCRC25DPA	Compact, 25A, 30mA, C Curve, Type A, Double Pole, RCBO, Bidirectional, Single Module
DP RCBO Type A C Curve	CUCRC32DPA	Compact, 32A, 30mA, C Curve, Type A, Double Pole, RCBO, Bidirectional, Single Module
DP RCBO Type A C Curve	CUCRC40DPA	Compact, 40A, 30mA, C Curve, Type A, Double Pole, RCBO, Bidirectional, Single Module
DP RCBO Type F C Curve	CUCRC16F	16A, 30mA, C Curve, Type F, Double Pole, RCBO, Bidirectional, 2 Module
DP RCBO Type F C Curve	CUCRC20F	20A, 30mA, C Curve, Type F, Double Pole, RCBO, Bidirectional, 2 Module
DP RCBO Type F C Curve	CUCRC25F	25A, 30mA, C Curve, Type F, Double Pole, RCBO, Bidirectional, 2 Module
DP RCBO Type F C Curve	CUCRC32F	32A, 30mA, C Curve, Type F, Double Pole, RCBO, Bidirectional, 2 Module
DP RCBO Type F C Curve	CUCRC40F	40A, 30mA, C Curve, Type F, Double Pole, RCBO, Bidirectional, 2 Module

MCB's

Product	SKU	Description
MCB, B Curve	CUMB6	Single Pole MCB, B Curve, 6kA 6A, Bidirectional, Single Module
MCB, B Curve	CUMB10	Single Pole MCB, B Curve, 6kA 10A, Bidirectional, Single Module
MCB, B Curve	CUMB16	Single Pole MCB, B Curve, 6kA 16A, Bidirectional, Single Module
MCB, B Curve	CUMB20	Single Pole MCB, B Curve, 6kA 20A, Bidirectional, Single Module
MCB, B Curve	CUMB32	Single Pole MCB, B Curve, 6kA 32A, Bidirectional, Single Module
MCB, B Curve	CUMB40	Single Pole MCB, B Curve, 6kA 40A, Bidirectional, Single Module
MCB, B Curve	CUMB45	Single Pole MCB, B Curve, 6kA 45A, Bidirectional, Single Module
MCB, B Curve	CUMB50	Single Pole MCB, B Curve, 6kA 50A, Bidirectional, Single Module
MCB, B Curve	CUMB55	Single Pole MCB, B Curve, 6kA 55A, Bidirectional, Single Module
MCB, C Curve	CUMC6	Single Pole MCB, C Curve, 6kA 6A, Bidirectional, Single Module
MCB, C Curve	CUMC10	Single Pole MCB, C Curve, 6kA 10A, Bidirectional, Single Module
MCB, C Curve	CUMC16	Single Pole MCB, C Curve, 6kA 16A, Bidirectional, Single Module
MCB, C Curve	CUMC20	Single Pole MCB, C Curve, 6kA 20A, Bidirectional, Single Module
MCB, C Curve	CUMC32	Single Pole MCB, C Curve, 6kA 32A, Bidirectional, Single Module
MCB, C Curve	CUMC40	Single Pole MCB, C Curve, 6kA 40A, Bidirectional, Single Module
MCB, C Curve	CUMC50	Single Pole MCB, C Curve, 6kA 50A, Bidirectional, Single Module

Accessories

Product	SKU	Description
Standoff wall kit	CUA29	2 Standoff Mounts for IP2X Consumer Units
Heavy Duty Grommet Strip	CUA27	5 Meter Heavy Duty Grommet Strip.
1 Module Blank Insert	CUA19	1 Blank Device Module Insert
Semi Blind Grommet Kit	CPRGMGR	Fire Retardant 10 x M20, 3 x M32 Grommet Inserts
Grey Plastic Tails Kit	CPRGPT32	Tails Gland 2 x 16mm ² & 1 x 10mm ²
Grey Plastic Tails Kit	CPRGPT40	Tails Gland 2 x 25mm ² & 1 x 16mm ²
Grey Plastic Cable Gland	CPRGPF20	Cable Gland 2.5 - 4.0mm ² Flat Cable
Grey Plastic Cable Gland	CPRGPF252	Cable Gland 2 x 2.5mm ² Flat Cable
100A Junction Box – Double Pole	BG 4100DP	5 Way 100A Double Pole, Heavy Duty, Incomer Supply Junction Box
100A Junction Box – Single Pole	BG 4100SP	5 Way 100A Single Pole, Heavy Duty, Incomer Supply Junction Box
Wiring Kit	CUA05	A wiring kit to allow the creation of a a split load consumer unit
Grey Plastic Cable Gland	CPRGPF25	Cable Gland 6.0mm ² Flat Cable

Monitoring

Product	SKU	Description
MID Meters	MID100A	MID Compliant, 100A AC 240v, 50Hz, 18mm DIN Mounted

Isolators

Product	SKU	Description
AC Isolator	CPRSD232	240V AC 2-Pole Rotary Isolator + Enclosure – 32Amp
AC Isolator	CPRSD240	240V AC 2-Pole Rotary Isolator + Enclosure – 40Amp
DC Isolator	CUDC425	1200V DC 4-Pole Rotary Isolator + Enclosure – 25Amp
DC Isolator	CUDC432	1200V DC 4-Pole Rotary Isolator + Enclosure – 32Amp
Incoming Supply Isolator	CUEMS1	100A 240V AC Double pole isolator for incoming meter tails

Surge Protection

Product	SKU	Description
Surge Protector	CUA30	Surge Protection T2 Kit