PowerBreaker ProteKt

IP66 Weatherproof



5 Year Warranty

UV Resistant

IP66 Protected

For Domestic & Commercial use

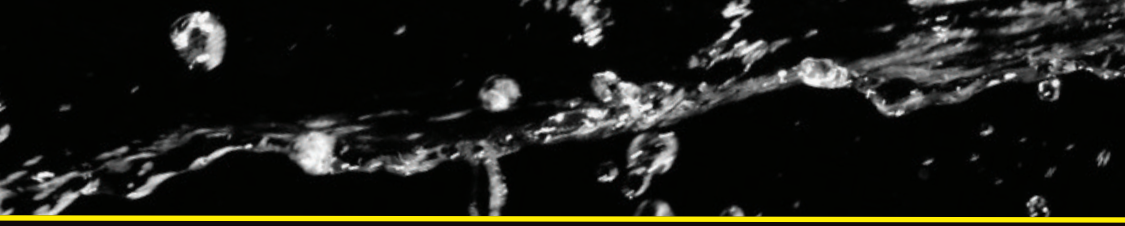
GreenBrook are pleased to introduce their new

'PowerBreaker ProteKt' IP66 Weatherproof Range

including Switches, Sockets, Spurs & RCDs.
Using the latest PowerBreaker technology these accessories can be used for long term projects in all weather conditions.

The IP66 rating protects against both water and dust.

IP66 RESISTANT TO WATER JETS & DUST







PowerBreaker ProteKt





"Can be used for long term projects in all weather conditions"

PowerBreaker ProteKt

IP Rating

About IP Ratings...

The Ingress Protection (IP) classification system describes the degree of protection provided by an enclosure against solid objects or water ingress. An IP rating will normally have two numbers; the first number in an IP classification shows the degree of protection against solid objects. The second number will show the degree of protection against liquid.

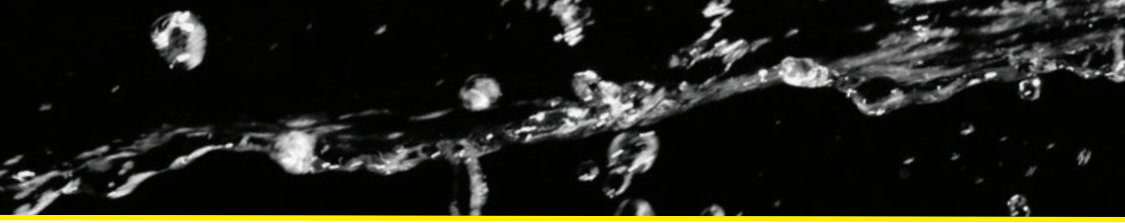
An "X" can be used for one of the digits if there is only one class of protection, i.e. IPX1 which addresses protection against vertically falling drops of water e.g. condensation.

Below shows the degree of protection against solid objects (1st number).

Rating Number		
0	Non-protected	
1	Protected against a solid object greater than 50mm, such as a hand	
2	Protected against a solid object greater than 12.5mm, such as a finger	
3	Protected against a solid object greater than 2.5mm, such as a wire or a tool	
4	Protected against a solid object greater than 1.0mm, such as a wire or thin strips	
5	Dust-protected. Prevents ingress of dust sufficient to cause harm.	
6	Dust-tight. No ingress of dust.	

Below shows the degree of protection against liquid (2nd number).

Rating Number		
0	Non-protected	
1	Protected against dripping water.	
2	Protected against dripping water when tilted up to 15°	
3	Protected against spraying water at an angle of up to 60°	
4	Protected against splashing water from any direction	
5	Protected against jets of water from any direction.	
6	Protected against heavy seas or powerful jets of water. Prevents ingress sufficient to cause harm	
7	Protected against the effects of temporary immersion in water.	
8	Protected against the effects of continuous immersion in water.	



Weatherproof Switched Single & Twin Socket

- **Weatherproof to IP66 with plug inserted and lid closed**
- **Can be used for long term projects in all weather conditions**
- **20mm Knock outs**



Technical Information

Rated Voltage:	13A, 230 ~ 240V 50Hz
Dimensions:	PSKT1G - W131 x H119 x D80mm PSKT2G - W179 x H130 x D80mm
Socket Conforms To:	BS1363-2
IP Box Conforms To:	BS 1363, IEC 60670-1 & IEC 60670-22



Part No	Description
PSKT1G	Weatherproof Switched Single Socket
PSKT2G	Weatherproof Switched Twin Socket





PowerBreaker PROTEKT

Weatherproof Twin RCD Socket - Active

- **Weatherproof to IP66 with plug inserted and lid closed**
- **Can be used for long term projects in all weather conditions**
- **Uses PowerBreaker RCD technology**
- **High intensity LED power-on-indicator**
- **Double pole RCD action**
- **Twin earth Terminals**
- **20mm Knock outs**

Technical Information

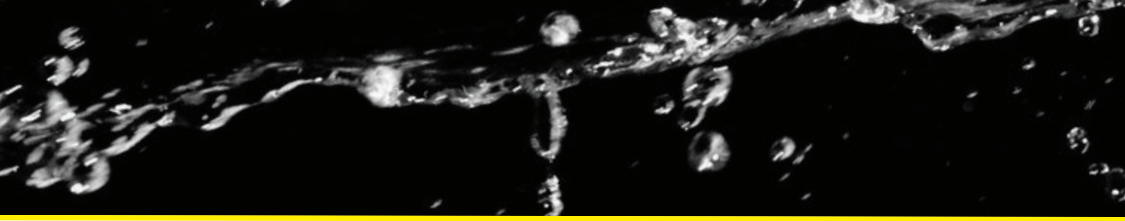
Rated Voltage:	230V AC ~ 50Hz
Maximum operating current:	13A (13A inductive)
Rated Trip current:	30mA
Trip speed:	Less than 20mS (typical)
RCD contact break:	Double pole
Electrical latching:	Active - Needs to be reset after a power failure
Enclosure Dimensions:	W195 x H149 x D80mm
Independently tested to:	BS 7288:1990, BS 1363-2:1995, BS EN 61543:1996
IP Box Conforms To:	IEC 60670-1 & IEC 60670-22





Active RCDs require the user to re-set them after they trip, avoiding unexpected restarting of equipment

Part No	Description
PSKTRCDA2G	Weatherproof Twin RCD Socket - Active



Weatherproof Twin RCD Socket - Passive

- **Weatherproof to IP66 with plug inserted and lid closed**
- **Can be used for long term projects in all weather conditions**
- **Uses PowerBreaker technology**
- **High intensity LED power-on-indicator**
- **Double pole RCD action**
- **Twin earth Terminals**
- **20mm Knock outs**



Technical Information

Rated Voltage:	230V AC ~ 50Hz
Maximum operating current:	13A (13A inductive)
Rated Trip current:	30mA
Trip speed:	Less than 20mS (typical)
RCD contact break:	Double pole
Electrical latching:	Passive - Does not need resetting after a power failure
Enclosure Dimensions:	W195 x H149 x D80mm
Independently tested to:	BS 7288:1990, BS 1363-2:1995, BS EN 61543:1996
IP Box Conforms To:	IEC 60670-1 & IEC 60670-22

Part No	Description
PSKTRCDP2G	Weatherproof Twin RCD Socket - Passive

Passive RCDs do not require the user to re-set them after they trip, so will return to normal operation when the power resumes

Foam seal inhibits ingress of dust or water by clamping around the cable





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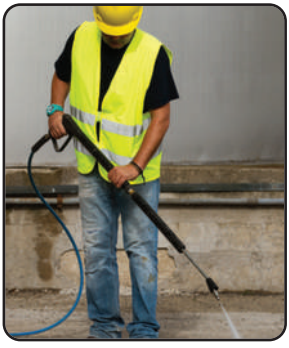
PowerBreaker ProteKt

Weatherproof RCD Fused Spur

- **Weatherproof to IP66**
- **Can be used for long term projects in all weather conditions**
- **Uses PowerBreaker technology**
- **High intensity LED power-on-indicator**
- **Double pole RCD action**
- **Twin earth terminals**
- **20mm Knock outs**



Technical Information

Rated Voltage:	230V AC ~ 50Hz
Maximum operating current:	13A (13A inductive)
Rated Trip Speed:	Less than 20mS (typical)
Rated Trip Current:	30mA
Terminal capacity:	6mm² max
RCD contact break:	Double pole
Mechanically Latching:	Passive - Mechanically latched - Does not need resetting after a power loss
Dimensions:	W137 x H132 x D80mm
Cord anchorage -	
Cable Dia:	4.6mm - 10.4mm
Cable Size:	0.5mm² to 1.5mm²
Independently tested To:	BS 7288:1990, BS 1363-4:1995, BS EN 61543:1996
IP Box Conforms To:	IEC 60670-1 & IEC 60670-22

Part No	Description
PSPRCD1G	Weatherproof RCD Fused Spur



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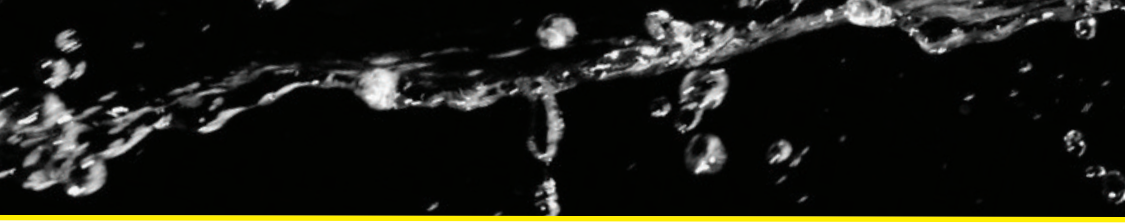

7 Day Fused Timer Spur Switch

- **Weatherproof to IP66**
- **Can be used for long term projects in all weather conditions**
- **Energy saving**
- **Ideal for control of: - Outdoor Lighting, Ponds, Sprinkler systems**
- **28 On and Off settings**
- **Large backlit LCD display**
- **Easy set - Day / 5 Day / 7 Day blocks**
- **'Boost' & 'Advance' controls**
- **Easy to program**
- **700 hrs battery life**







Technical Information

Display:	LCD
Working Voltage:	230V ~ 50Hz
Rated Impulse Voltage:	2,500V
Operating Temp:	-5°C to +40°C
Operation:	Integrated Control
Max Load:	
Resistive -	13A
Inductive -	6A
Isolation Switch:	Double pole isolation
Dimensions:	W137 X H132 X D80mm
Conforms to:	BS 1363-4:1995+A4:2012 BS EN 60730-1:2011 BS EN 60730-2-7:2010
IP Box Conforms to:	IEC 60670-1 & IEC 60670-22

Part No	Description
PSPT1G	7 Day Fused Timer Spur Switch

With Boost Option

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PowerBreaker PROTEKT

Weatherproof 1 & 2 Gang Switch

- **Can be used for long term projects in all weather conditions**
- **IP66 Switched:**
  1 gang = 2 Pole
  2 gang = 2 Pole
- **Two way operation**

Technical Information

Rated Voltage:	10AX, 230 ~ 240V 50Hz
Dimensions:	W97 x H97 x 65mm
Conforms To:	BS EN 60669-1 & BS EN 61058-1



Part No	Description
PSW1G2W	Weatherproof 1 Gang Switch
PSW2G2W	Weatherproof 2 Gang Switch





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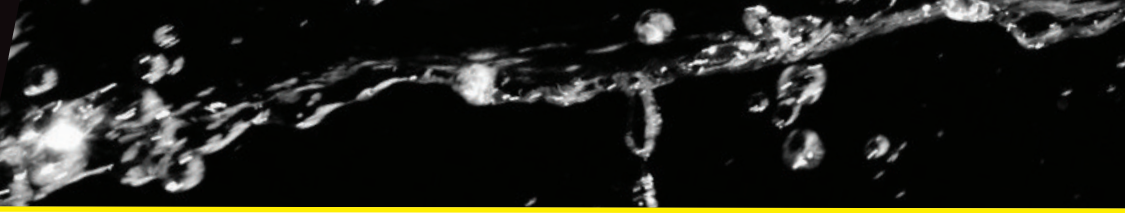


Weatherproof Single & Twin Enclosure

- **Weatherproof to IP66**
- **Can be used for long term projects in all weather conditions**
- **Ideal for use with standard wiring accessories**
- **Easy Mounting**

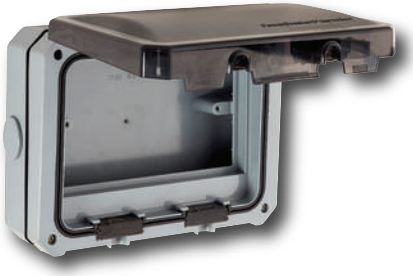
Technical Information

Dimensions:	PENC1G - W137 x H132 x D80mm PENC2G - W195 x H149 x D80mm
Independently tested to:	IEC 60670-1 & IEC 60670-22

PowerBreaker ProteKt products are suitable for use outdoors in severe conditions of rain and water spray as well as dust combination to IP66 as defined by BS EN 60529.

Part No	Description
PENC1G	Weatherproof Single Enclosure
PENC2G	Weatherproof Twin Enclosure





PowerBreaker ProteKt

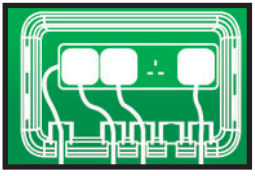
IP55 Weatherproof Connection Boxes

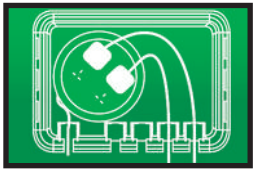
- **Easy to use**
- **Helps prevent trips and falls**
- **Lightweight**
- **Portable**
- **Extension leads not included**
- **UV resistant construction**
- **Keeps all temporary connections dry**
- **1 Year Warranty**
- **Multi-use**

Technical Information

IP Rating: IP55

Ideal for outdoor heaters, pressure washers and outdoor power tools.





Part No	Description
DB285B	Connection Box Medium - Black H150 x W285 x D110mm
DB330B	Connection Box Large - Black H230 x W330 x D140mm







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Weatherproof Cable Connectors

All damaged cables should be cut through and repaired as if you were joining two cables (insulating tape is not adequate for this purpose), this is achieved with a safety weatherproof cable connector.

The ***H85Z-C*** weatherproof plug and socket is suitable for use with appliances that you wish to be able to easily disconnect, such as pond pumps.

- **1 Year Warranty**

Technical Information

Conforms to: BS 60998 & BS 5733

Part No	Description
H65Z-C	IP67 Cable Connector Can be temporarily submersed in water For repairing or extending outdoor cables up to 3 core 2.5mm^2 Max current 15A Cable Diameter: Max 12.5mm / Min 6mm 32 x 120mm
H85Z-C	Weatherproof Twin Enclosure IP68 Plug & Socket Cable Connector Can be submerged in 10 metres of water for up to 30 mins only Max current 16A Cable Diameter: Max 9mm / Min 5mm 40 x 140mm





Dealer Stamp

Issue No: 705399