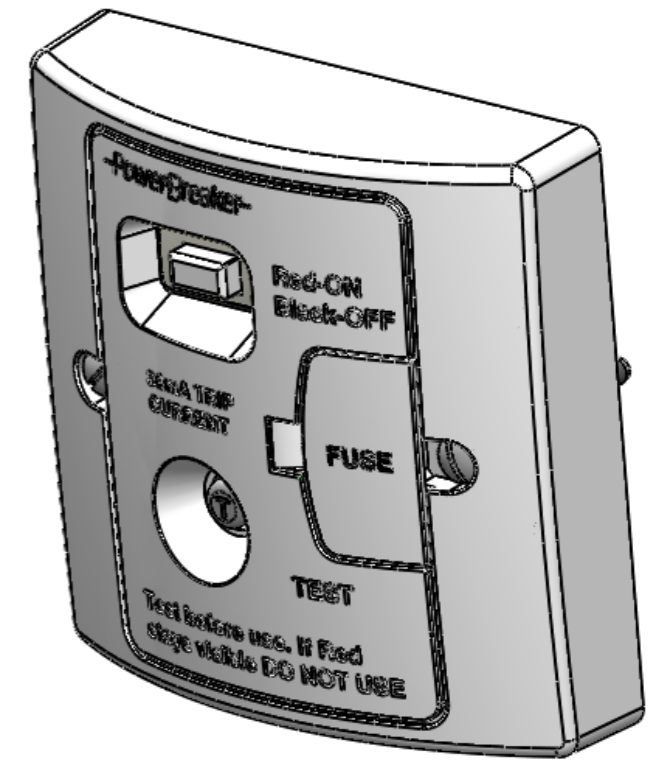
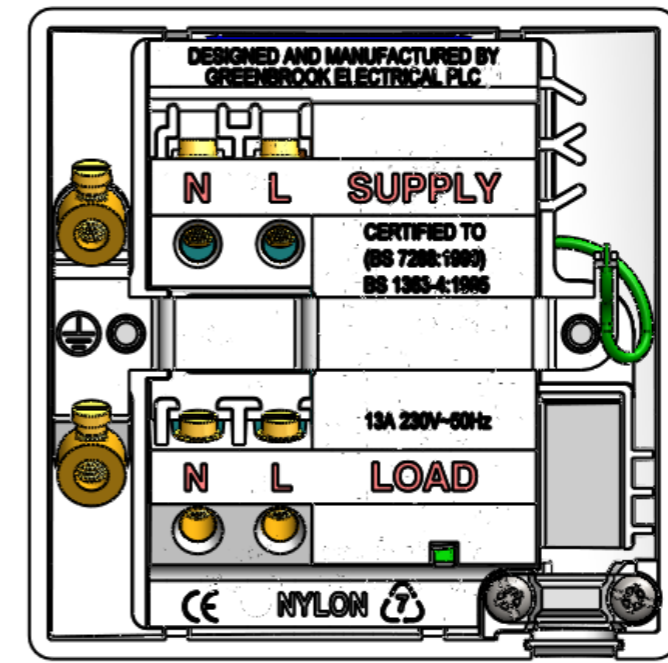


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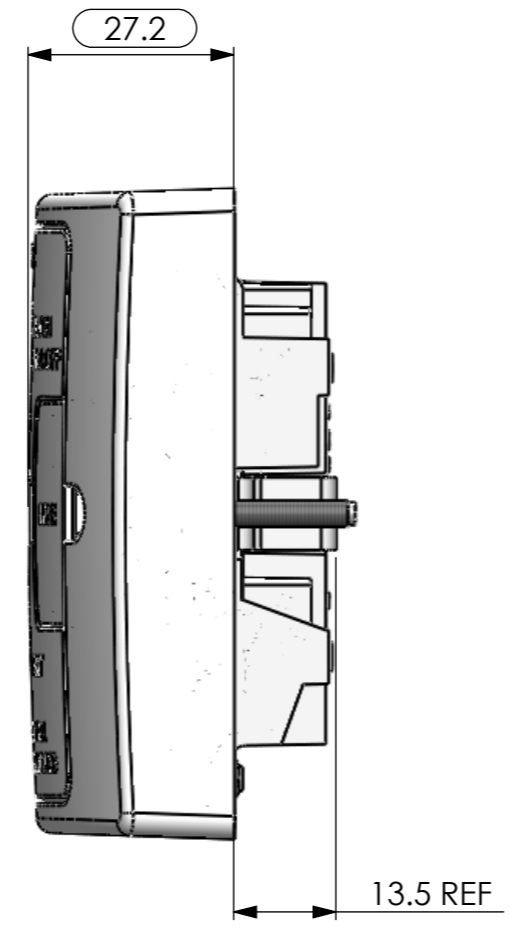
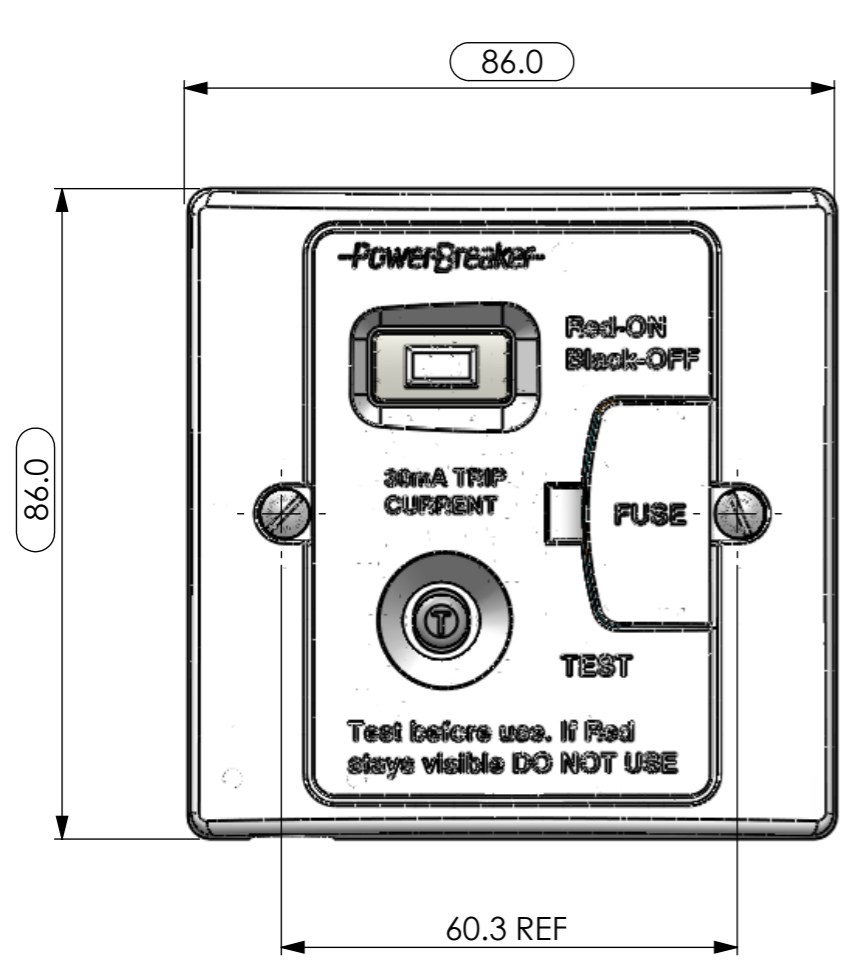


### IMPORTANT INFORMATION

**TOP TERMINALS = SUPPLY**



**BOTTOM TERMINALS = LOAD**



A	102	22/12/10
ISS	CCD	DATE

**MATERIAL:**  
**FINISH:**  
**PROJECTION THIRD ANGLE. IF IN DOUBT ASK**

**TOLERANCES**  
 (UNLESS STATED OTHERWISE)  
 - 1 DEC PLACE 0.4  
 - 2 DEC PLACE 0.1  
 - ANGULAR 1.0

**DRAFT CONSIDERATIONS**  
 (S) - SMALLEST DIMENSION  
 (L) - LARGEST DIMENSION  
 GENERAL - 1 PER SIDE 0.5  
**ALL DIMENSIONS IN MILLIMETERS**



**TITLE:**  
 H92WPA Product Specification  
 GREENBROOK  
 WEST ROAD, HARLOW  
 ESSEX CM20 2BG UK  
**DRAWN BY** C.E.  
**SCALE:** 1:1  
**DO NOT SCALE THIS DRAWING**

**DWG NO.**  
 GB400343  
**SHEET 1 OF 3**  
 A3GB

## DESCRIPTION - H92WPA - RCD Fused Spur - White

The Fused Spur is a double pole Residual Current Device (RCD) in the form of a 13 amp device. It is designed and manufactured to the requirements of BS1363-4 & BS7288. The product is based upon a generic design and construction with variations to include: White Plastic face plate version for domestic machines in the home. Metal clad enclosure variant for the more robust applications.

### CLASSIFICATION

RCD Fused Spur  
Double Pole break  
Mechanically latched ( contacts remain closed when mains power is removed and re-applied) - generally defined as "Passive"  
CLASS 2 device.

### BRITISH AND EUROPEAN STANDARDS

Current Standards  
BS7288 :1990 Amd 1( socket out-lets incorporating SRCD's )  
BS1363-4:1995 Amd 1, 2, 3 (Specification for 13A Fused connection units switched and unswitched)  
EMC:  
Emissions: EN 55014-1:2006 & EN55014-1:2000 Inc A1:2001 & A2:2002  
Immunity: EN 61543:1995 Inc A1:2003, A1:2:2005 & A2:2006

### RATING

Voltage 230 Volts AC  
Current (max) 13 Amp Resistive & Inductive  
Frequency 50 Hertz  
Environmental IP40 (Ingress Protection Rating)  
Trip Current 30 mA maximum 22 mA typical  
Non Trip Current 15 mA max  
Trip Speed 20 mSeconds  
Circuit fault break current 1500Amps  
Earth fault break current 250 Amps

### DESIGN FEATURES

Fuse Holder can be locked out for safety.  
Twin earth terminals.  
Integral cord outlet and cable clamp.(4.6 to 10.4mm max Dia cable)  
White Button: Switches mechanism "ON"  
Trip indication: Red flag and light - visible only when mechanism ON (closed contacts)  
Grey Test Button: Activates mechanism to "OFF"  
Enclosure: Front plate - Robust hard to scratch material - compression thermoset plastic. Colour - 'White'.  
Rear molding: Nylon 7, Colour "Black"

### INSTALLATION & TESTING

System Install in-line with the 17th Edition Wiring Regulations.  
Routine Testing Assuming the device has been installed correctly the RCD should be tested regularly, each time before use, as follows:-  
Press White button fully in and release  
Window indicator shows "RED" and illuminates.  
Press Grey Test button fully in and release.  
Window indicator has turned WHITE (no illumination )

In this test the device has latched ready for use and then has been tested using the in built test function. Device is now ready for normal use.  
To Use - Press and release White button. Red flag and illumination will be displayed in the respective window..  
RCD Performance Testing. RCD testers (ROBIN KMP5406) are available for this purpose.  
Circuit Insulation, Resistance and Earth Fault loop Impedance Testing:  
It is important that the device is disconnected during these tests otherwise the internal electronics may be damaged.

### SERVICE CONDITIONS

Temperature -5 to +40 degrees C  
Altitude 2000m max (above sea level)  
Abnormal conditions Avoid pollution by smoke, chemical and flammable fumes, Salt laden spray, periods of high humidity, greater 95% Relative Humidity (R.H.)

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SHEET 2 OF 3		

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DRAFT CONSIDERATIONS (S) - SMALLEST DIMENSION (L) - LARGEST DIMENSION GENERAL - 1 PER SIDE 0.5
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MATERIAL:
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### CONNECTIONS

L	N	E	Notes	Trip	Damaged after connected	Test Button	Protection	Output LED
L	N	E	Correctly connected	No	No	Functional	OK	ON
L	E	N	Earth and Neutral reversed	No	No	Functional	OK	ON
N	L	E	Line and Neutral reversed	No	No	Functional	OK	ON
N	E	L	Line to Earth, always dangerous	No	No	Not Functional	OK	ON (weak brightness)
E	N	L	Line to Earth, always dangerous	No	No	Not Functional	OK	ON (weak brightness)
E	L	N		No	No	Functional	OK	ON
L	N	-	Earth not connected	No	No	Functional	OK	ON
N	L	-	Earth not connected	No	No	Functional	OK	ON
L	-	E	Neutral not connected	No	No	Not Functional	OK	ON (weak brightness)
E	-	L	Neutral not connected	No	No	Not Functional	OK	ON (weak brightness)
-	N	E	Line not connected	No	No	Not Functional	no leakage current occur	OFF
-	E	N	Line not connected	No	No	Not Functional	no leakage current occur	OFF
	L	E	Dangerous	No	No	Not Functional	OK	ON (weak brightness)

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**SHEET 3 OF 3**

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