

United Kingdom 13 Amp IP56 2-Gang Switched Socket Outlets

Fixing holes are for No. 8 woodscrews (not supplied).
Backbox has 5 cable entries, 2 on top and 1 centrally on other 3 sides. Supplied with earth terminals in backbox.

DIMENSIONS: (175 x 115 x 80)mm

BS. 1363 Pt. 2: 1995

IP56 BS EN 60529: 1992



56482 GRY

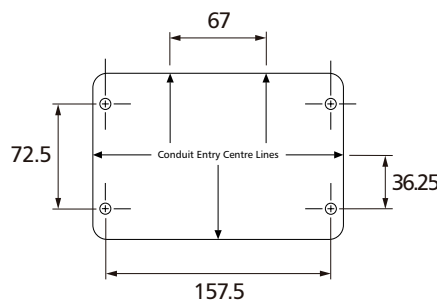
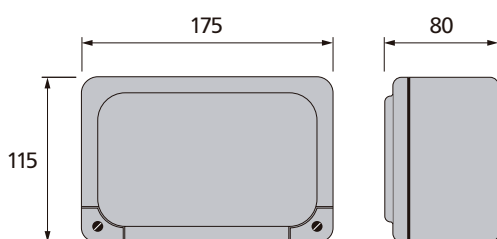
Optional flush mounting bezels and rear entry back boxes are available.

Catalog No.	Color	Description	Weight/ea	VPE/Pack	EDP-No.
56482 GRY	Gray	Surface 2-Gang Switched Socket	650 g	1	121435
56482 WHI	White	Surface 2-Gang Switched Socket	650 g	1	121436

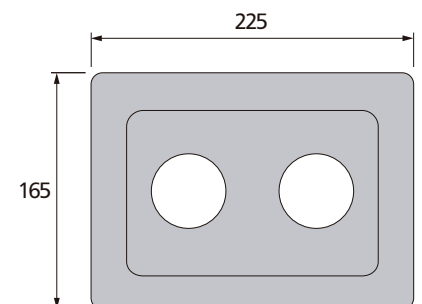
Enclosures are manufactured from polycarbonate. This provides an extremely high level of impact resistance. However some chemicals and synthetic oils can harm polycarbonate. Please refer to the Technical Informations later in this document.

Dimensions (mm)

2 gang with fixing dimensions



Flush Mounting Bezels



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Socket Outlets

Standards and approvals

Socket outlets comply with BS 1363: Part 2: 1995

All products allow compliance with the 16th Edition of the IEE Wiring Regulations (BS 7671) when correctly installed.

Technical specification

Electrical

Voltage rating:
250V a.c.

Current rating:
13A per socket outlet

Terminal capacity:
Live, neutral & earth
3 x 2.5mm²
3 x 4mm²
2 x 6mm² (standard)

Physical

Ambient operating temperature:
-0°C to +40°C

IP rating:
IP56

Max. installation altitude:
2000 metres

Features

- IP56 protected to BS EN 60529: 1992
- Winner of Electrical Review industry awards
- Ideal for gardens, workshops, industry, farm buildings, ponds and pools etc.
- Easy to install: captive, backed out terminal screws, clearly marked top facing terminals, push fit knockouts and conduit entries
- Smooth, curved design is aesthetically pleasing and adds to strength
- Special gel seal gives complete protection
- Most products are available in grey or white enclosures to suit installation
- Impact resistance – all products have impact resistance equivalent to a 500g object falling from a height of 400m



Description

A range of sockets outlets specifically designed for use outdoors or in areas heavily exposed to dust and/or splashing water. Constructed from extremely robust polycarbonate, the range is sealed to IP56 against dust, water and is impact resistant and will completely protect virtually any 13 amp plug* allowing safe connection to any appliance.

*When in doubt, please use an 13A plug

RCD protection

The range includes the RCD protected Sentrysocket which cuts power when there could be danger of an electric shock and, in the event of a power interruption, will trip, preventing machinery suddenly restarting when power returns.

Boxes

Rear entry back boxes (56504, 56505) are to be used in surface mounted situations or flush mounting when used with Flush Mounting Bezels (56502, 1 gang / 56503, 2 gang). These boxes must also be used if cable or conduit enters the enclosure from the rear.

IP56 Protection

Each digit in the IP (Ingress Protection) rating denotes resistance to dust and water. The IP56 rating breakdown is as follows:

IP	5	6
Ingress protection	Dustproof to sawdust, dust and other small particles	Waterproof to strong jets of water, from any direction



Socket Outlets / Switches

INSTALLATION OPTIONS

Flush mounting for any finished surface



The bezel provides an alternative method of flush mounting in areas where hygiene is important e.g. food preparation areas.

This bezel can be used on any finished surface e.g. brick or cavity walls. The bezel should be used in conjunction with the rear entry back box.

Surface mounting for side entry conduit



The basic unit comes complete with a standard surface mounting back box. This enables top, bottom or side entry for the cable or conduit.



Polycarbonate Chemical Resistance Table

Key:

- ▲ Resistant
- Limited resistance
- Not resistant

REAGENT	CONCENTRATION	RESISTANCE
Acetic Acid, aqueous	40	■
Acetic acid, aqueous	5	▲
Acetone		■
Ammonia, aqueous	10	■
Benzene		■
Beverages, alcoholic		▲
Bitumen		Not tested
Bleaching lye, aqueous		■
Boric Acid	10	▲
Butanol		■
Butter		●
Butyric acid		■
Calcium chloride, aqueous	10	▲
Carbon tetrachloride		■
Chlorine gas		●
Chlorine, aqueous solution		■
Chloroform		■
Citric acid, aqueous	10	▲
Coconut oil		▲
Diesel fuel		●
Edible fats		▲
Edible oils		▲
Ethanol	96	▲
Ethylene acetate		■
Ethylene ether		■
Formaldehyde, aqueous	30	▲
Formic acid, aqueous	40	●
Freon, liquid		
Frigen, liquid		Not tested
Fruit juices		▲
Fuel oil (heating)		●
Gas liquor		Not tested
Glycerine		▲
Glycol		▲
Glystantine, aqueous	40	Not tested
Hexane		▲
Hydrochloric acid, aqueous	2	■
Hydrofluoric acid, aqueous	40	▲
Hydrogen peroxide, aqueous	10	▲
Ink		▲
Iodine tincture, alcoholic		■

REAGENT	CONCENTRATION	RESISTANCE
Kerosene		■
Lactic acid, aqueous	10	▲
Lavender oil		Not tested
Linseed oil		Not tested
Machine oils		▲
Mercury		▲
Methanol		■
Methylene chloride		■
Milk		▲
Mineral oils		▲
Nitric acid, aqueous	2	▲
Oleic acid		▲
Ozone		▲
Paraffin oil		▲
Peppermint oil		Not tested
Perfumes		■
Petrol (gasoline)		●
Phenol, aqueous		■
Phosphoric acid, aqueous	10	■
Potassium hydroxide solution, aqueous	5	■
Potassium hydroxide solution, aqueous	50	■
Rose oil		●
Salt solution, household, aqueous	10	▲
Silicon oils		▲
Soap solution, aqueous		▲
Soda solution, aqueous	10	▲
Sodium hydroxide solution, aqueous	10	■
Sodium, aqueous	10	Not tested
Sulphur		▲
Sulphuric acid, aqueous	10	▲
Tallow		▲
Tar		▲
Tetrachloroethene		■
Toluene		■
Trichlorethane		■
Vaseline		▲
Water		▲
Water, hot (80°C)		●
Wax, melted		Not tested
Xylene		■

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