

EDISON®
ELECTRICAL PRODUCTS



WEATHERPROOF
ELECTRICAL ACCESSORIES

 **Interplast Company Limited.**
Electrical Division

EDISON®
ELECTRICAL PRODUCTS



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EDISON
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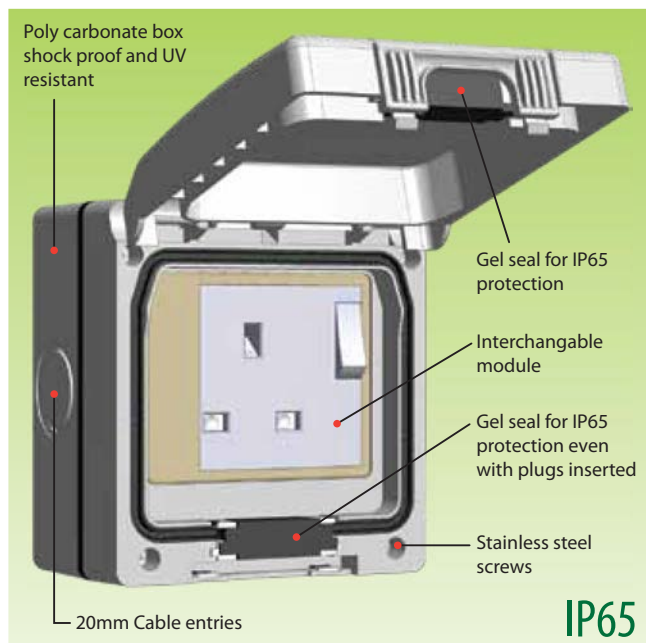
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IP56 & IP65 Weatherproof Switches & Sockets



Usage of Fuse connection units

Conforms to	General - BS5733 Socket outlet - BS 1363-2
Rated Voltage	250V
Frequency	50Hz
Insulation Voltage	250V
Protection Degree	IP 56 & IP65
Operating Temperature	-5 °C to + 50 °C
Cabling Capacity of the terminal	3 x 2.5 mm ² , 3 x 4.0 mm ² , 3 x 6.0 mm ²
Glow wire test	850° C
Material	Engineering Plastic *
Cable Inlets	Four Side
Colour	Grey RAL 7035
Installation	Surface Mounted
Shock resistance	IK 08 (shocks up to 6j)
Flammability	V2 (UL94)

Resistance to abnormal heat

Edison weather proof accessories are non flame propagating and self extinguishing in accordance to BS EN 50085-1: 2005. Material is tested at a severity of 850°C. This test simulates thermal stresses produced by heat or ignition sources such as overloaded resistors. The specimen is clamped for 30 seconds with the force of 1 N against the tip of a glowing metal wire at the temperature of 850°C. A sheet of tissue paper is placed under the specimen, for testing of ignition due to falling droplets. Extinguishing of the flame within 30 seconds from removal of the wire & no ignition of the tissue confirm the non flame propagating properties Edison products.

Edison IP 56 rated weatherproof wiring accessories are designed to protect the electric supply in outdoor areas where protection against dust or rainwater is required. These accessories offer highest safety to outdoors power outlets and can be used for domestic, commercial and industrial installations. Edison IP56 weatherproof enclosures offers dust ingress protection and are protected from high water pressure from any direction.

Not:- IP56 protection when not in use and the lid is fully closed.

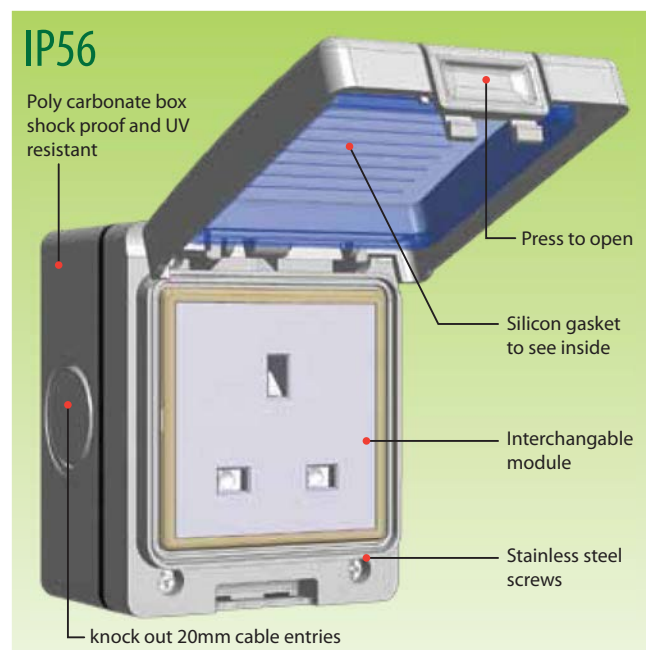
Edison IP65 weatherproof enclosures offers dust ingress and are protected from high water pressure from any direction even when in use and plugs are inserted.

Workability and Durability

Edison weatherproof accessories are light weight and can be installed using conventional installation tools. Edison weatherproof accessories are self extinguishing, non flame propagating durable, hard to damage, long lasting and do not rust within its life cycle.

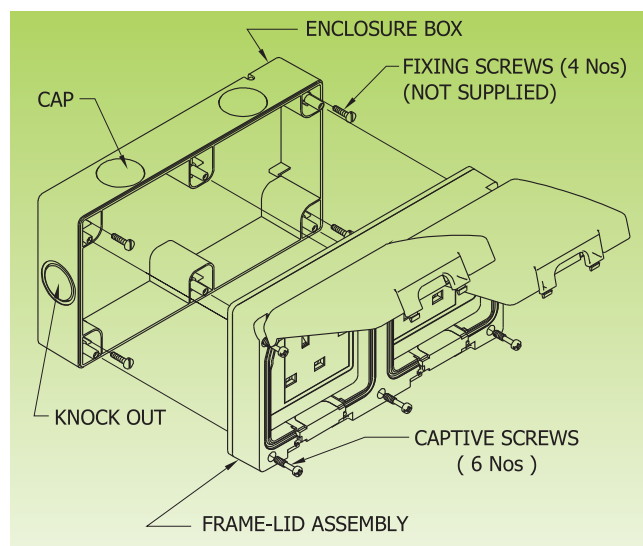
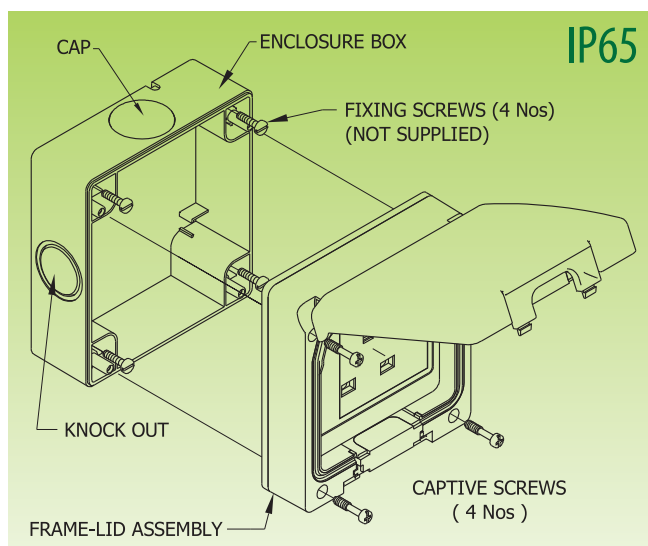
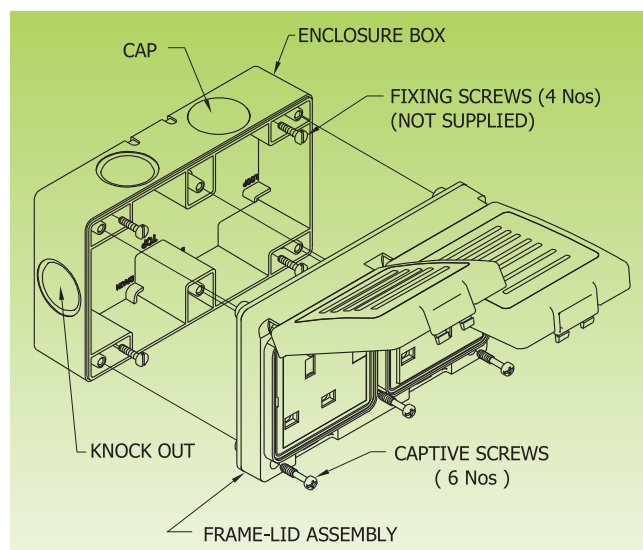
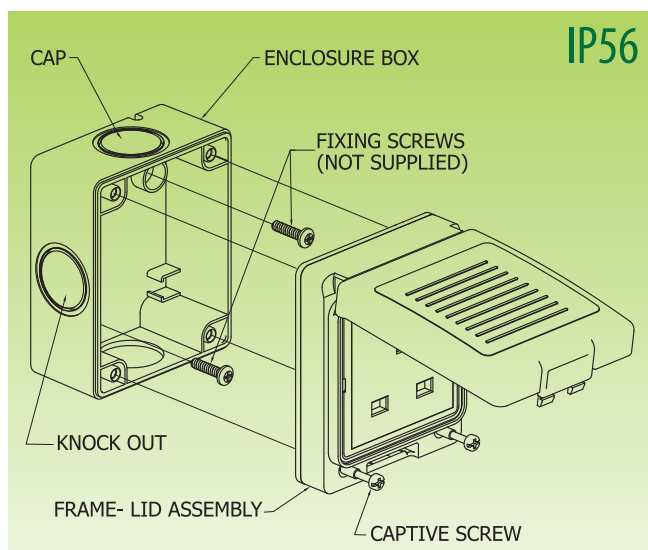
Features

- Edison IP56 & IP65 switches and sockets are supplied as complete units and feature two 20mm knockouts.
- Edison Weather proof switches are ideal to use in outdoors and sheltered locations in all ambient weather conditions.
- Resistant to heat, shock in accordance with IEC695-2-1.
- Silicon gasket allows operation of switch without lifting cover
- Large switch rocker allows easy and smooth operation.
- 20mm conduit entries available on all sides for easy cable entry.
- High resistance to ageing with UV protection.
- Halogen free plastic material is with resistance to chemicals, acids and bases containing Cadmium and halogens.
- Support frames accepts all modules of Edison range.
- High formulated Gel Seal for IP65 protection when the plug is inserted.
- Ample space provided for cabling.
- Widest range of IP56 & IP65 switches, sockets and other accessories.



Installation

EDISON
Weatherproof Accessories



Safety Instructions

WARNING: Switch off and isolate main power supply before carrying out installation of the switch. These products must be installed by a competent person e.g. a qualified electrician in accordance with the relevant wiring diagram and conforming to the latest edition of the IEE wiring regulations applicable in each country.

For Outdoor location, circuit must be protected by an appropriate fuse, circuit breaker or RCD in accordance to IEE wiring regulations, moreover use of unprotected flat PVC insulated cable is NOT recommended.

When installing sockets an earth conductor must be provided from the mains supply to the earth terminal of the socket outlet. This earth conductor must be sleeved inside the enclosure.

If metal conduit is used in more than one cable entry, earth continuity must be maintained between conduits. Where conduit is used for cable runs, water condensation MUST be prevented.

Workability and Durability

Ensure that paint, chemicals, or wood preservatives do not come into contact with this product.

- Read the safety instructions carefully.
- The enclosure must be mounted on a flat, clean, dry vertical surface (free from grease, dirt and loose material).
- Mark the position of the fixing holes on the wall, for the enclosure box.
- Drill holes and fit suitable wall plugs for securing screw.
- Carefully remove the cable entry cap or break one or more knockouts, as required and fit the cable gland (not provided) suitable for 20 mm conduit.
- Secure the enclosure box to the wall with suitable screws (not provided).
- Align and install conduit as required.
- Complete wiring connections to the accessory terminals (on frame / lid assembly). Ensure that cables are not stressed and terminals are fully tightened.
- Locate the 'Frame/Lid' assembly to the enclosure box ensure that holes are aligned and the gasket is seated properly on the enclosure box.
- Open the lid and secure to the box, using the captive screws provided and do not over tighten the screws.

Note:- To maintain IP rating of these products, the lid must be closed and latched.

IP 56 Weatherproof Switches & Sockets



Item Code : WPA110
Description : 1 Gang 1 Way Switch
Std. Pack : 1 Pc



Item Code : WPA120
Description : 1 Gang 2 Way Switch
Std. Pack : 1 Pc



Item Code : WPA130
Description : 1 Gang 1 Way Switch + Neon
Std. Pack : 1 Pc



Item Code : WPA140
Description : 1 Gang Press Switch
Std. Pack : 1 Pc



Item Code : WPA170
Description : 1 Gang Press Switch + Neon
Std. Pack : 1 Pc



Item Code : WPA150
Description : 1 Gang bell Switch
Std. Pack : 1 Pc



Item Code : WPA160
Description : 1 Gang Bell Switch + Neon
Std. Pack : 1 Pc



Item Code : WPA210(1W), WPA220(2W)
Description : 2 Gang 1 & 2 Way Switch
Std. Pack : 1 Pc



Item Code : WPA230
Description : 2 Gang 1 Way Switch + Neon
Std. Pack : 1 Pc



Item Code : WPE120
Description : 1 Gang 13A switched socket
Std. Pack : 1 Pc



Item Code : WPE110
Description : 1 Gang 13A switched socket
Std. Pack : 1 Pc



Item Code : WPE130
Description : 1 Gang 13A switched socket + Neon
Std. Pack : 1 Pc



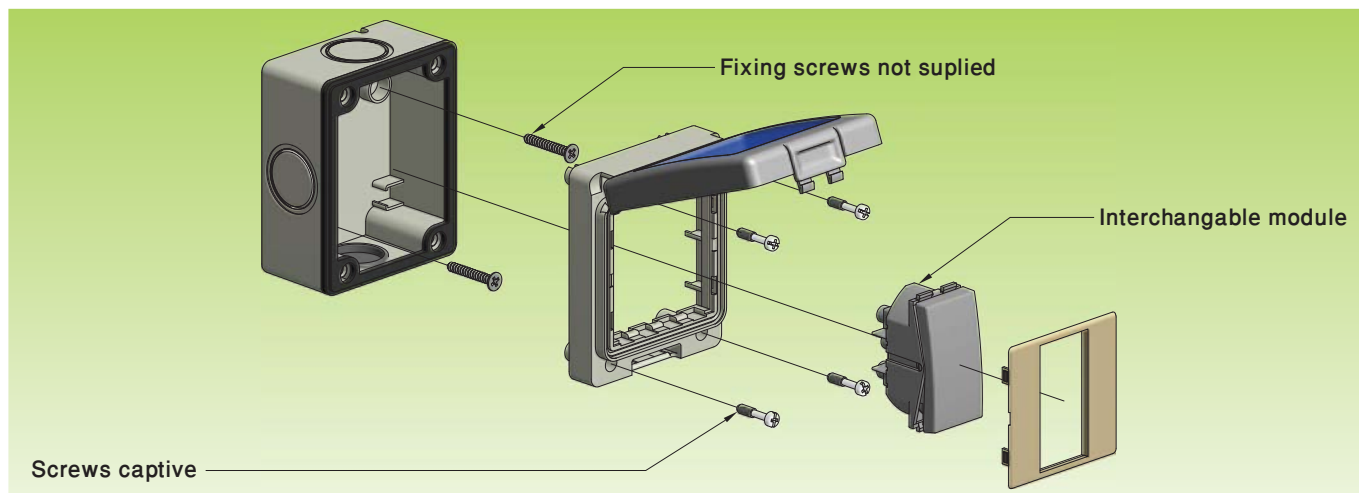
Item Code : WPE150
Description : 1 Gang 15A Unswitched socket
Std. Pack : 1 Pc



Item Code : WPH801
Description : 1 Gang Enclosure IP 56
Std. Pack : 1 Pc



Item Code : WPA110
Description : 2 Gang Enclosure IP 56
Std. Pack : 1 Pc



 Part No : ERA2111WH 1 Gang 1 Way S.P Module (S.Q) 10AX 250V Single Pole	 Part No : ERA2211WH 1 Gang 2 Way S.P Module (S.Q) 10AX 250V Single Pole	 Part No : ERC2323WH 32A Switch D.P + Neon + Label (S.Q) 32A 250V Double Pole	 Part No : ERA2430WH 4 Gang 1 Way S.P Module (S.Q) 10AX 250V Single Pole
 Part No : ERA2141WH 10A Press Switch + Neon (S.Q) 10AX 250V Single Pole	 Part No : ERA2151WH 10A Bell Push Switch + Neon (S.Q) 10AX 250V Single Pole	 Part No : ERC2121WH 20A Switch D.P + Neon + Label (S.Q) 10AX 250V Double Pole	 Part No : ERF1130WH, ERF1140WH ERF1410WH, ERF1510WH Master / Sec/ RJ11,12/ RJ45 Modules
 Part No : ERD2123WH 45A Switch D.P + Neon + Label (S.Q) 45A 250V Double Pole	 Part No : ERF1110WH T.V Socket Module (Co-Axial)	 Part No : ERA2141WH Satellite Socket Module (F - Type)	 Part No : ERE2730WH 16A 2P + E Schuko Socket Module 16A 250V
 Part No : ERE2410WH 6/16A Indian Socket Module 6/16A 250V	 Part No : ER2710WH 15A 127V Saso Socket Module 15A 127V	 Part No : ERE2770WH 15A 127V / 16A 250V Socket Module 15/16A 127/ 250V	 Part No : ERE1160WH 16A Universal Socket Module 16A 250V
 Part No : ERE2420WH 16A 2P Socket Module 16A 250V	 Part No : ERE2420WH 2/6/13A Socket Module 2/6/13A 250V	 Part No : ER2750WH 16A French Socket Module 16A 250V	
Installers can also select above listed modules to suit specific installation requirements	For Ordering :- Add Enclosure part number (1 Gang or 2 Gang) + Module Part number	Polycarbonate Box, Shock resistant, self-extinguishing V2 (UL94)	Edison Weather proof Enclosures have high resistance to aging and UV rays, will not deteriorate in sunlight.

IP 65 Weatherproof Switches & Sockets



Item Code : WPE 810
Description : 1 Gang 13A Unswitched
Socket - SP
Std. Pack : 1 pc



Item Code : WPE 820
Description : 1 Gang 13A Switched
Socket - SP
Std. Pack : 1 pc



Item Code : WPE 830
Description : 1 Gang 13A Switched
Socket Neon-SP
Std. Pack : 1 pc



Item Code : WPE 910
Description : 2 Gang 13A Unswitched
Socket
Std. Pack : 1 pc



Item Code : WPE 920
Description : 2 Gang 13A Switched
Socket - SP
Std. Pack : 1 pc



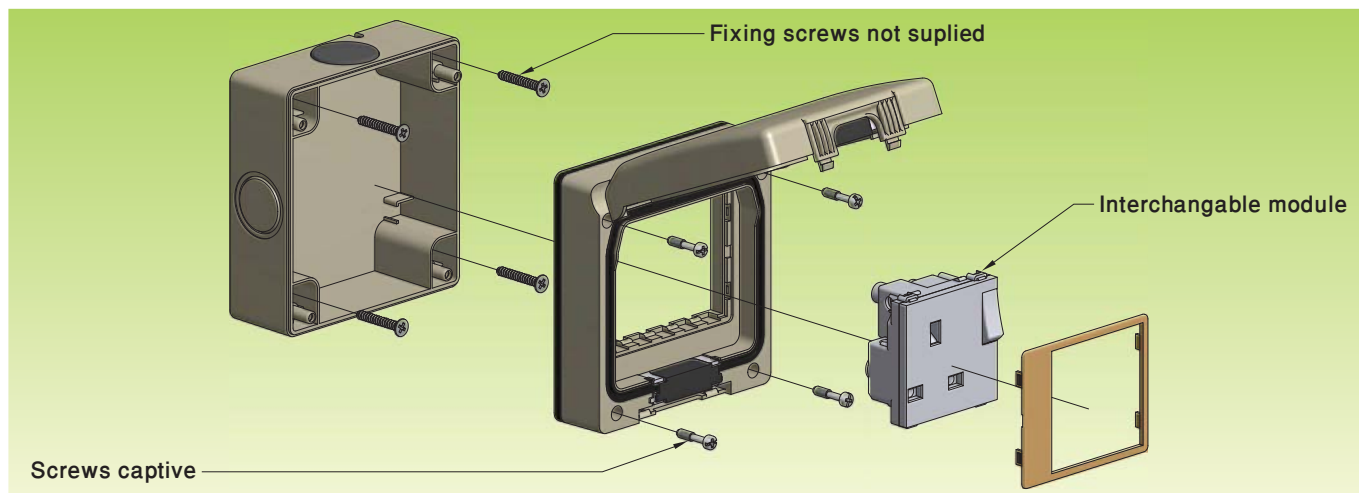
Item Code : WPE 930
Description : 2 Gang 13A Switched
Socket Neon-SP
Std. Pack : 1 pc



Item Code : WPE 803
Description : 1 Gang Enclosure IP65

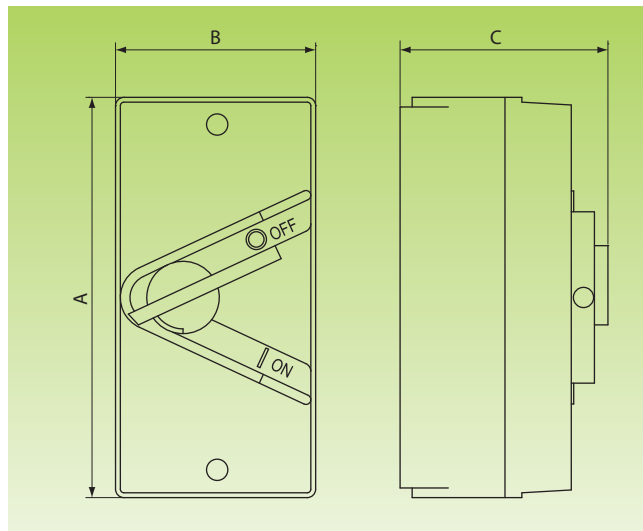


Item Code : WPE 804
Description : 2 Gang Enclosure IP65



 Part No : ERA2111WH 1 Gang 1 Way S.P Module (S.Q) 10AX 250V Single Pole	 Part No : ERA2211WH 1 Gang 2 Way S.P Module (S.Q) 10AX 250V Single Pole	 Part No : ERC2323WH 32A Switch D.P + Neon + Label (S.Q) 32A 250V Double Pole	 Part No : ERA2430WH 4 Gang 1 Way S.P Module (S.Q) 10AX 250V Single Pole
 Part No : ERA2141WH 10A Press Switch + Neon (S.Q) 10AX 250V Single Pole	 Part No : ERA2151WH 10A Bell Push Switch + Neon (S.Q) 10AX 250V Single Pole	 Part No : ERC2121WH 20A Switch D.P + Neon + Label (S.Q) 10AX 250V Double Pole	 Part No : ERF1130WH, ERF1140WH ERF1410WH, ERF1510WH Master / Sec/ RJ11,12/ RJ45 Modules
 Part No : ERD2123WH 45A Switch D.P + Neon + Label (S.Q) 45A 250V Double Pole	 Part No : ERF1110WH T.V Socket Module (Co-Axial)	 Part No : ERA2141WH Satellite Socket Module (F - Type)	 Part No : ERE2730WH 16A 2P + E Schuko Socket Module 16A 250V
 Part No : ERE2410WH 6/16A Indian Socket Module 6/16A 250V	 Part No : ER2710WH 15A 127V Saso Socket Module 15A 127V	 Part No : ERE2770WH 15A 127V / 16A 250V Socket Module 15/16A 127/ 250V	 Part No : ERE1160WH 16A Universal Socket Module 16A 250V
 Part No : ERE2420WH 16A 2P Socket Module 16A 250V	 Part No : ERE2420WH 2/6/13A Socket Module 2/6/13A 250V	 Part No : ER2750WH 16A French Socket Module 16A 250V	
Installers can also select above listed modules to suit specific installation requirements	For Ordering :- Add Enclosure part number (1 Gang or 2 Gang) + Module Part number	Polycarbonate Box, Shock resistant, self-extinguishing V2 (UL94)	Edison Weather proof Enclosures have high resistance to aging and UV rays, will not deteriorate in sunlight.

Isolator Switches IP56



Circuit Diagram	Rated Continuous Current I _n A (AC21)	No. of Poles	Part No.	Rated Operated Voltage
	20	1	EDISO 120	250
	20	2	EDISO 220	250
	20	3	EDISO 320	415
	20	4	EDISO 420	415
	35	1	EDISO 135	250
	35	2	EDISO 235	250
	35	3	EDISO 335	415
	35	4	EDISO 435	415
	63	1	EDISO 163	250
	63	2	EDISO 263	250
	63	3	EDISO 363	415
	63	4	EDISO 463	415

Specification

Application		Current Rating											
		20A 1P	35A 1P	63A 1P	20A 2P	35A 2P	63A 2P	20A 3P	35A 3P	63A 3P	20A 4P	35A 4P	63A 4P
Standard		BSEN 60947-3			BSEN 60947-3			BSEN 60947-3			BSEN 60947-3		
Number of Poles		1			2			3			4		
Function		O-I			O-I			O-I			O-I		
Rated Operational Current	I _e	20	35	63	20	35	63	20	35	63	20	35	63
Rated operational Voltage	U _e	250 V			440 V			440 V			440 V		
Rated Insulation Voltage	U _i	250 V			440 V			440 V			440 V		
Rated Impulse-withstand Voltage (U _{imp})	U _{imp}	2.5 KV			2.5 KV			2.5 KV			2.5 KV		
Frequency	Hz	50 / 60 Hz			50 / 60 Hz			50 / 60 Hz			50 / 60 Hz		
Utilisation Category		AC23A			AC23A			AC23A			AC23A		
Rated making capacity		10I _e			10I _e			10I _e			10I _e		
Rated Breaking Capacity		8I _e			8I _e			8I _e			8I _e		
Rated short - time withstand current	I _{cw}	15 I _e for 1s			15 I _e for 1s			15 I _e for 1s			15 I _e for 1s		
Pollution Degree		3			3			3			3		
Degree of Protection	IP	IP56			IP56			IP56			IP56		
Tightening Torque	Nm	1			1			1			1		
Terminal Capacity Flexible Type mm ²	mm ²	1.5-2.5			1.5-2.5			1.5-2.5			1.5-2.5		
Terminal Capacity rigid Type mm ²	mm ²	1.5-2.5			1.5-2.5			1.5-2.5			1.5-2.5		
Contact Opening Type		Normal Gap			Normal Gap			Normal Gap			Normal Gap		
Switch Actuating Method		Manual Operation			Manual Operation			Manual Operation			Manual Operation		
Method of mounting		Surface			Surface			Surface			Surface		
Type of Terminal		Screw Type			Screw Type			Screw Type			Screw Type		
Type of Enclosure		Enclosed			Enclosed			Enclosed			Enclosed		
Material		Engg. Plastic			Engg. Plastic			Engg. Plastic			Engg. Plastic		
Quality Management System		ISO 9001 : 2008			ISO 9001 : 2008			ISO 9001 : 2008			ISO 9001 : 2008		



Edison IP56 Weatherproof Isolators are manufactured in accordance to BSEN 60947-3 and are suitable to use in the outdoor applications. These Isolators are rated at AC-23A and offers 1,2,3 and 4 pole option from 20 A to 63A.

Features

Each unit is supplied with screwed conduit plugs and screw reducers for easy connection to 25mm or 20 mm conduits and screw caps. Screw caps must be installed to ensure IP rating.

Fixed Earth and Neutral connector bars with dual clamping screws per tunnel provide equal stripping lengths and secure clamping for all cables. Terminal bore size 5 - 6 mm.

High Impact resistant base and cover ensure safety during after installation. The two sections are sealed with a one piece weather seal gasket. Deep moulded barriers protect the operating lever from physical abuse or accidental switching.

Edison Isolators are compact and easy to install. The base mounted mechanism provides for easier termination and more wiring room. Switch dimensions are 166mm x 82mm with an overall height of 85mm.

A safety feature for mounting switches to metal structures is the insulating caps that cover base mounting screws to totally protect them from any live cables.

Padlocking option to secure the lever in OFF position is available on special request.

Installation & safety instruction

Switch off and isolate main power supply before carrying out installation of the switch. These products must be installed by a competent person e.g a qualified electrician in accordance with the relevant wiring diagram and conforming to the latest edition of the IEE wiring regulations applicable in each country.

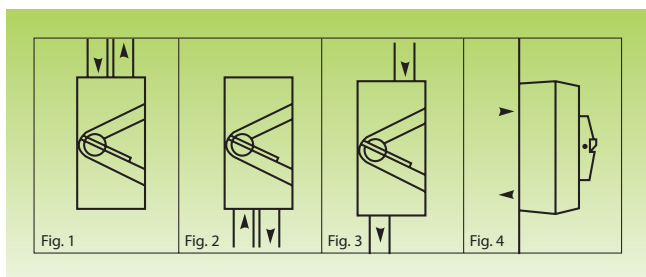
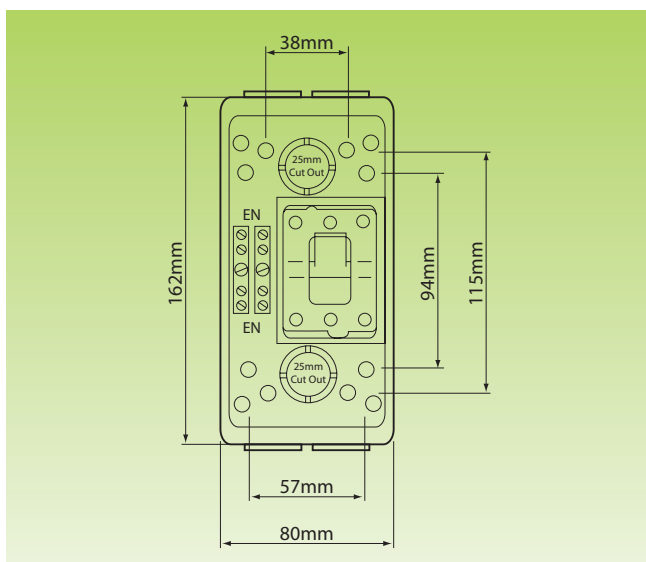
Multiple wiring options are available such as

Fig.1) Entry and Exit from the top

Fig.2) Entry and Exit from the Bottom

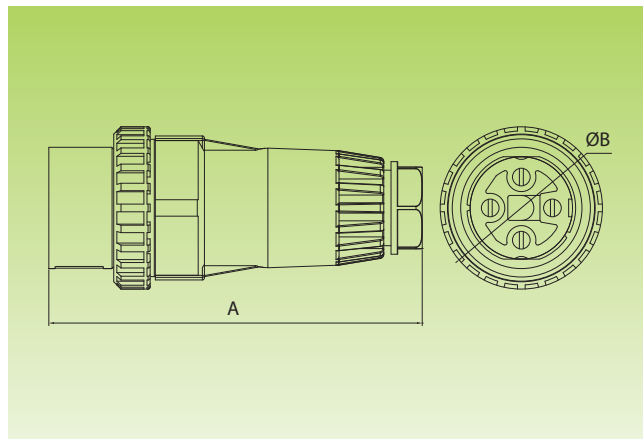
Fig.3) Entry and Exit straight through the Switch

Fig.4) Entry and Exits for Concealed wiring.



Rated Current (A)	20A				35A				63A			
No. Of Poles	1P	2P	3P	4P	1P	2P	3P	4P	1P	2P	3P	4P
A	166	166	166	166	166	166	166	166	166	166	166	166
B	83	83	83	83	83	83	83	83	83	83	83	83
C	86	86	86	86	86	86	86	86	86	86	86	86

Industrial Plugs IP66 Straight : 250V / 500V



Rated Current (A)	10A		20A			32A			40A		50A	
No. Of Poles	4P	5P	3P	4P	5P	3P	4P	5P	4P	5P	4P	5P
A	180	180	180	180	180	180	180	180	180	180	180	180
B	78	78	78	78	78	78	78	78	78	78	78	78

Note:- All dimensions are in mm

EDIPS313  3P 13A 250V 50 Hz	EDIPS320  3P 20A 250V 50Hz	EDIPS332  3P 32A 250V 50 Hz
EDIPS410  4P 10A 500V 50 Hz	EDIPS420  4P 20A 500V 50 Hz	EDIPS432  4P 32A 500V 50 Hz
EDIPS510  5P 10A 500V 50 Hz	EDIPS520  5P 20A 500V 50 Hz	EDIPS532  5P 32A 500V 50 Hz

Edison IP66 rated straight plugs are manufactured from Impact resistant, UV stabilized plastic material. These plugs are IP66 rated when fitted to Edison socket connector. The body section is transparent for quick and easy inspection of the terminals and cable entry. Plugs are available with 3 to 5 pins, 13A to 50A to cover maximum applications.

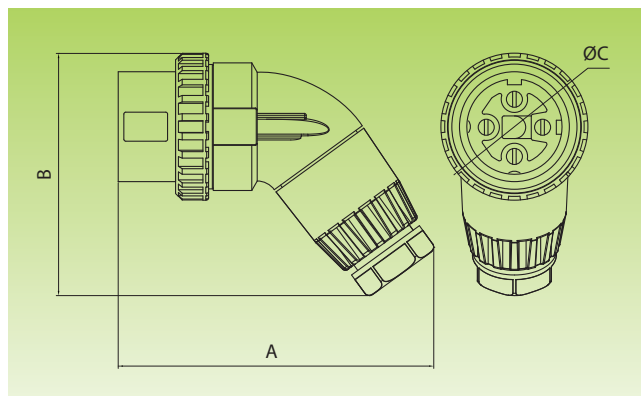
Warning: Switch off and isolate main power supply before carrying out installation of the switch. These products must be installed by a competent person e.g a qualified electrician in accordance with the relevant wiring diagram and conforming to the latest edition of the IEE wiring regulations applicable in each country.

Specification

Type	In (A)	Ui (V)	No of Pins	Cable Entry Diameter		Terminal Capacity mm ²		IP Rating	Matching Socket	
				Min	Max	Min	Max		Socket Connector	Surface Socket
EDIPS313	13	250	3	6.0	10.0	0.8	1.5	66	EDIPC313	EDSSO313
EDIPS320	20	250	3	7.0	16.0	1.0	6.0	66	EDIPC320	EDSSO320
EDIPS332	32	250	3	10.0	16.0	2.5	16.0	66	EDIPC332	EDSSO332
EDIPS410	10	500	4	7.0	16.0	1.0	6.0	66	EDIPC410	EDSSO410
EDIPS420	20	500	4	7.0	16.0	1.0	6.0	66	EDIPC420	EDSSO420
EDIPS432	32	500	4	10.0	27.0	2.5	16.0	66	EDIPC432	EDSSO432
EDIPS440	40	500	4	10.0	27.0	2.5	16.0	66	EDIPC440	EDSSO440
EDIPS450	50	500	4	10.0	27.0	4.0	16.0	66	EDIPC450	EDSSO450
EDIPS510	10	500	5	7.0	16.0	1.0	6.0	66	EDIPC510	EDSSO510
EDIPS520	20	500	5	7.0	16.0	1.0	6.0	66	EDIPC520	EDSSO520
EDIPS532	32	500	5	10.0	27.0	2.5	16.0	66	EDIPC532	EDSSO532
EDIPS540	40	500	5	10.0	27.0	2.5	16.0	66	EDIPC540	EDSSO540
EDIPS550	50	500	5	10.0	27.0	4.0	16.0	66	EDIPC550	EDSSO550

Industrial Plugs IP66 Angled : 250V / 500V

EDISON
Weatherproof Accessories



Rated Current (A)	10A		20A			32A			40A		50A	
No. Of Poles	4P	5P	3P	4P	5P	3P	4P	5P	4P	5P	4P	5P
A	168	168	168	168	168	168	168	168	168	168	168	168
B	130	130	130	130	130	130	130	130	130	130	130	130
C	78	78	78	78	78	78	78	78	78	78	78	78

Note:- All dimensions are in mm

EDIPA313	EDIPA320	EDIPA332
		
3P 13A 250V 50 Hz	3P 20A 250V 50Hz	3P 32A 250V 50 Hz
EDIPA410	EDIPA420	EDIPA432
		
4P 10A 500V 50 Hz	4P 20A 500V 50 Hz	4P 32A 500V 50 Hz
EDIPA510	EDIPA520	EDIPA532
		
5P 10A 500V 50 Hz	5P 20A 500V 50 Hz	5P 32A 500V 50 Hz

Edison IP66 rated socket connectors are manufactured from impact resistant, UV stabilized plastic material. The IP66 rating can be achieved when the socket connector is in use with the compatible accessories, IP66 rated connectors feature a hose proof cap which maintains the international IP rating when the accessory is not being used.

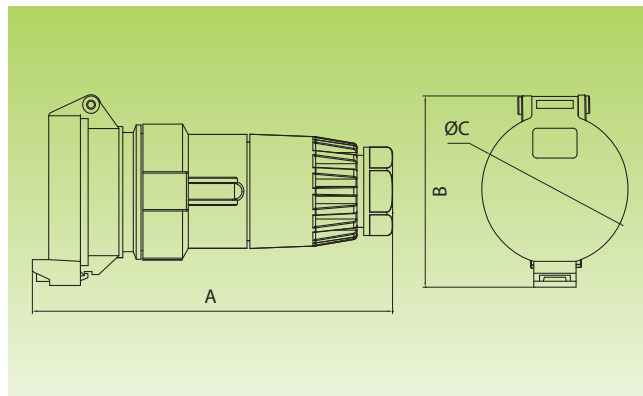
Warning: Switch off and isolate main power supply before carrying out installation of the switch. These products must be installed by a competent person e.g a qualified electrician in accordance with the relevant wiring diagram and conforming to the latest edition of the IEE wiring regulations applicable in each country.

Specification

Type	In (A)	Ui (V)	No of Pins	Cable Entry Diameter		Terminal Capacity mm ²		IP Rating	Matching Socket	
				Min	Max	Min	Max		Socket Connector	Surface Socket
EDIPA313	13	250	3	6.0	10.0	0.8	1.5	66	EDIPC313	EDSSO313
EDIPA320	20	250	3	7.0	16.0	1.0	6.0	66	EDIPC320	EDSSO320
EDIPA332	32	250	3	10.0	16.0	2.5	16.0	66	EDIPC332	EDSSO332
EDIPA410	10	500	4	7.0	16.0	1.0	6.0	66	EDIPC410	EDSSO410
EDIPA420	20	500	4	7.0	16.0	1.0	6.0	66	EDIPC420	EDSSO420
EDIPA432	32	500	4	10.0	27.0	2.5	16.0	66	EDIPC432	EDSSO432
EDIPA440	40	500	4	10.0	27.0	2.5	16.0	66	EDIPC440	EDSSO440
EDIPA450	50	500	4	10.0	27.0	4.0	16.0	66	EDIPC450	EDSSO450
EDIPA510	10	500	5	7.0	16.0	1.0	6.0	66	EDIPC510	EDSSO510
EDIPA520	20	500	5	7.0	16.0	1.0	6.0	66	EDIPC520	EDSSO520
EDIPA532	32	500	5	10.0	27.0	2.5	16.0	66	EDIPC532	EDSSO532
EDIPA540	40	500	5	10.0	27.0	2.5	16.0	66	EDIPC540	EDSSO540
EDIPA550	50	500	5	10.0	27.0	4.0	16.0	66	EDIPC550	EDSSO550

Industrial Sockets IP66 250V / 500V

EDISON
Weatherproof Accessories



Rated Current (A)	10A		20A			32A			40A		50A	
No. Of Poles	4P	5P	3P	4P	5P	3P	4P	5P	4P	5P	4P	5P
A	188	188	168	188	188	188	188	188	188	188	188	188
B	97	97	130	97	97	97	97	97	97	97	97	97
C	76	76	78	76	76	76	76	76	76	76	76	76

Note:- All dimensions are in mm

EDIPC313	EDIPC320
20A 3P 250V 50Hz	32A 3P 250V 50Hz

Edison IP66 rated socket connectors are manufactured from impact resistant, UV stabilized plastic material. The IP66 rating can be achieved when the socket connector is in use with the compatible accessories, IP66 rated connectors feature a hose proof cap which maintains the international IP rating when the accessory is not being used.

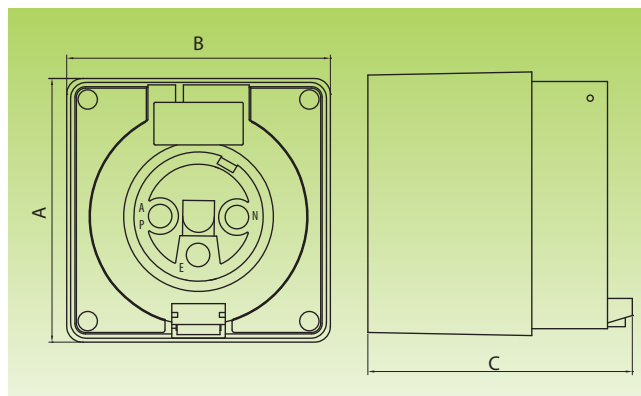
EDIPC410	EDIPC420	EDIPC432	EDIPC440	EDIPC450
10A 4P 500V 50 Hz	4P 20A 500V 50 Hz	32A 4P 500V 50 Hz	40A 4P 500V 50 Hz	50A 4P 500V 50 Hz
EDIPC510	EDIPC520	EDIPC532	EDIPC540	EDIPC550
10A 5P 500V 50 Hz	20A 5P 500V 50 Hz	32A 5P 500V 50 Hz	40A 5P 500V 50 Hz	50A 5P 500V 50 Hz

Warning: Switch off and isolate main power supply before carrying out installation of the switch. These products must be installed by a competent person e.g a qualified electrician in accordance with the relevant wiring diagram and conforming to the latest edition of the IEE wiring regulations applicable in each country.

Specification

Type	In (A)	Ui (V)	No of Sockets	Cable Entry Diameter		Terminal Capacity mm ²		IP Rating	Matching Plug	
				Min	Max	Min	Max		Straight type	Angled Type
EDIPC320	20	250	3	1.0	6	6	12.5	66	EDIPS320	EDIPA320
EDIPC332	32	250	3	1.0	6	6	12.5	66	EDIPS332	EDIPA332
EDIPC410	10	500	4	1.0	6	6	15.7	66	EDIPS410	EDIPA410
EDIPC420	20	500	4	1.0	6	6	15.7	66	EDIPS420	EDIPA420
EDIPC432	32	500	4	2.5	16	9	28	66	EDIPS432	EDIPA432
EDIPC440	40	500	4	2.5	16	9	28	66	EDIPS440	EDIPA440
EDIPC450	50	500	4	2.5	16	9	28	66	EDIPS450	EDIPA450
EDIPC510	10	500	5	1.0	6	6	15.7	66	EDIPS510	EDIPA510
EDIPC520	20	500	5	1.0	6	6	15.7	66	EDIPS520	EDIPA520
EDIPC532	32	500	5	2.5	16	9	28	66	EDIPS532	EDIPA532
EDIPC540	40	500	5	2.5	16	9	28	66	EDIPS540	EDIPA540
EDIPC550	50	500	5	2.5	16	9	28	66	EDIPS550	EDIPA550

Industrial Sockets IP66 Surface Mounted 250V / 500V **EDISON**



Rated Current (A)	10A		13A	20A			32A			40A		50A	
No. Of Poles	4P	5P	1P	3P	4P	5P	3P	4P	5P	4P	5P	4P	5P
A	101	101	101	101	101	101	101	101	101	101	101	101	101
B	101	101	101	101	101	101	101	101	101	101	101	101	101
C	101	101	101	101	101	101	101	101	101	101	101	101	101

Note:- All dimensions are in mm

EDSSO313	EDSSO320	EDSSO332	EDSSO410	EDSSO420	EDSSO432	EDSSO440
3P 13A 250V 50 Hz	3P 20A 250V 50 Hz	3P 32A 250V 50 Hz	4P 10A 500V 50 Hz	4P 20A 500V 50 Hz	4P 32A 500V 50 Hz	4P 40A 500V 50 Hz
EDSSO450	EDSSO510	EDSSO520	EDSSO532	EDSSO540	EDSSO550	
4P 50A 500V 50 Hz	5P 10A 500V 50 Hz	5P 20A 500V 50 Hz	5P 32A 500V 50 Hz	5P 40A 500V 50 Hz	5P 50A 500V 50 Hz	

Specifications 250V Socket

Type	EDSSO313	EDSSO320	EDSSO332
Rated Operational Voltage Ue	250V	250V	250V
Rated Frequency	50Hz	50Hz	50Hz
Rated Thermal Current Enclose (A)	50	50	50
Number of Socket Pins (Including Earth)	13	20	32
Socket configuration			
Cable Cross Section mm2 (Min)	0.75	1	1
Cable Cross Section mm2 (Max)	6	10	10
IP Rating	IP65	IP65	IP65

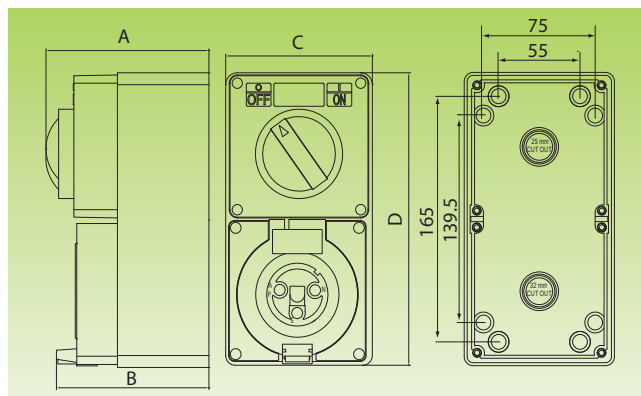
Edison IP66 rated surface mounted socket outlets feature a transparent hinged flap which snap shuts and lock over the socket when the plugs are withdrawn forming an automatic IP66 seal. The flap is transparent so the pin configuration can be readily identified without opening.

Warning: Switch off and isolate main power supply before carrying out installation of the switch. These products must be installed by a competent person e.g a qualified electrician in accordance with the relevant wiring diagram and conforming to the latest edition of the IEE wiring regulations applicable in each country.

Specifications 500V Socket

Type	EDSSO410	EDSSO420	EDSSO432	EDSSO440	EDSSO450	EDSSO510	EDSSO520	EDSSO532	EDSSO540	EDSSO550
Rated Operational Voltage Ue	500	500	500	500	500	500	500	500	500	500
Rated Frequency	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
Rated Thermal Current Enclose (A)	10	20	32	40	50	10	20	32	40	50
Number of Socket Pins (Including Earth)	4	4	4	4	4	5	5	5	5	5
Socket configuration										
Cable Cross Section mm2 (Min)	1	1	1	1	1	1	1	1	1	1
Cable Cross Section mm2 (Max)	10	16	16	16	25	10	16	16	16	25
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65

Industrial Switched Sockets IP66 : 250 V /500 V



Combination Switch Socket Outlet 250/500V 50 Hz

Rated Current (A)	10A		13A	20A			32A			40A		50A	
No. Of Poles	4P	5P	1P	3P	4P	5P	3P	4P	5P	4P	5P	4P	5P
A	80	80	80	80	80	80	80	80	80	80	80	80	80
B	85	85	85	85	85	85	85	85	85	85	85	85	85
C	85	85	85	85	85	85	85	85	85	85	85	85	85

Note:- All dimensions are in mm

EDCSS313	EDCSS320	EDCSS332
		
3P 13A 250V 50 Hz	3P 20A 250V 50 Hz	3P 32A 250V 50 Hz
EDCSS410	EDCSS420	EDCSS432
		
4P 10A 500V 50 Hz	4P 20A 500V 50 Hz	4P 32A 500V 50 Hz
EDCSS510	EDCSS520	EDCSS532
		
5P 10A 500V 50 Hz	5P 20A 500V 50 Hz	5P 32A 500V 50 Hz

This range of industrial sockets is an extensive range of one-piece combination switched sockets. All 500V Switched Sockets rated 32A and above have an internal locking feature (plugs cannot be withdrawn or inserted when the switch is in the ON position.) This feature is also available for 16A and 20A upon request. Optional key locking OFF and Neon indicator facility is provided. White ordering key lock or Neon indicator add "K" and "N" after the part number.

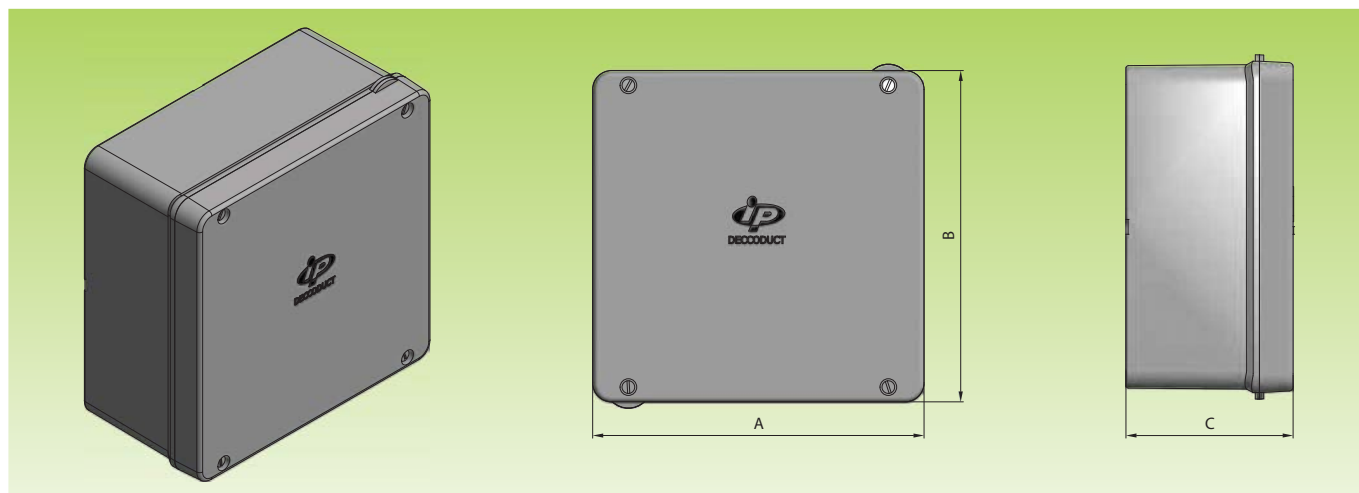
Warning: Switch off and isolate main power supply before carrying out installation of the switch. These products must be installed by a competent person e.g a qualified electrician in accordance with the relevant wiring diagram and conforming to the latest edition of the IEE wiring regulations applicable in each country.

Specification

Type	In (A)	Ui (V)	No of Sockets	Conductor Term. Size mm ²		Cable Nominal Diameter in mm ²		IP Rating	Matching Plug	
				Min	Max	Min	Max		Straight type	Angled Type
EDCSS313	13	250	3	1.0	6	6	12.5	66		
EDCSS320	20	250	3	1.0	6	6	12.5	66	EDIPS320	EDIPA320
EDCSS332	32	250	3	1.0	6	6	12.5	66	EDIPS332	EDIPA332
EDCSS410	10	500	4	1.0	6	6	15.7	66	EDIPS410	EDIPA410
EDCSS420	20	500	4	1.0	6	6	15.7	66	EDIPS420	EDIPA420
EDCSS432	32	500	4	2.5	16	9	28	66	EDIPS432	EDIPA432
EDCSS440	40	500	4	2.5	16	9	28	66	EDIPS440	EDIPA440
EDCSS450	50	500	4	2.5	16	9	28	66	EDIPS450	EDIPA450
EDCSS510	10	500	5	1.0	6	6	15.7	66	EDIPS510	EDIPA510
EDCSS520	20	500	5	1.0	6	6	15.7	66	EDIPS520	EDIPA520
EDCSS532	32	500	5	2.5	16	9	28	66	EDIPS532	EDIPA532
EDCSS540	40	500	5	2.5	16	9	28	66	EDIPS540	EDIPA540
EDCSS550	50	500	5	2.5	16	9	28	66	EDIPS550	EDIPA550

Adaptable Boxes IP56

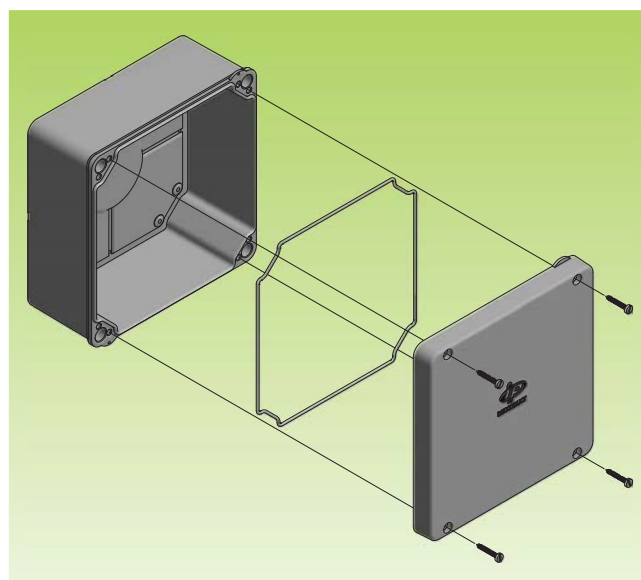
EDISON
Weatherproof Accessories



DECODUCT Adaptable boxes are manufactured from plastic and vinyl combination material (PVC, POLYVINYL CHLORIDE). These boxes are self extinguishing, non flame propagating, durable, hard to damage and long lasting, do not rust or wear over time, thus considered to be an affordable and reliable products for electrical cabling applications.

Features

- Self Extinguishing V2 (UL 94).
- Reference standard BSEN 60670-22:2006.
- Shock resistance IK08 (Shocks upto 6j).
- Resistance to abnormal heat (Glow wire test at 850°C).
- Installation temperature -5°C to 60°C.
- Operating temperature -5°C to 70°C.
- High resistance to ageing and UV rays.
- Products complying with the regulation of RoHS 2002/95/CE.
- High resistant soft rubber gasket.
- Ingress protection rating IP56 with rubber gasket.
- Internal Guide to fix brass terminal or din rails.
- Available in three colours Black, White & Grey.



	Part No	Size in mm			Nominal Depth (mm)		Standard Pack
		A	B	C	Base	Lid	
	DAB2B	75	75	56	50	6	80
	DAB4B	100	100	75	60	15	30
	DAB5B	150	110	75	60	15	20
	DAB6B	150	150	75	60	15	14
	DAB7B	190	140	75	60	15	10
	DAB8B	225	225	75	60	15	6
	DAB9B	240	190	105	90	15	6
	DAB2W	75	75	56	50	6	80
	DAB4W	100	100	75	60	15	30
	DAB5W	150	110	75	60	15	20
	DAB6W	150	150	75	60	15	14
	DAB7W	190	140	75	60	15	10
	DAB8W	225	225	75	60	15	6
	DAB9W	240	190	105	90	15	6
	DAB2G	75	75	56	50	6	80
	DAB4G	100	100	75	60	15	30
	DAB5G	150	110	75	60	15	20
	DAB6G	150	150	75	60	15	14
	DAB7G	190	140	75	60	15	10
	DAB8G	225	225	75	60	15	6
	DAB9G	240	190	105	90	15	6

EDISON
Weatherproof Accessories



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