

IP44 - IP66 Rated RCD, Power & Cable Management

- IP54 Rated 10 amp Switches
- IP66 Rated 10 amp Switches
- IP66 Rated 13 amp Sockets
- IP66 13 amp RCD switched Socket
- IP66 13 amp unswitched socket with timer
- IP66 13 amp unswitched socket with remote
- IP55 Outdoor Heavy Duty In-line RCD
- IP44 Outdoor Heavy Duty RCD Plug
- IP64 Protection Box
- IP56 Weatherproof Isolator Switches
- IP65 Rotary Isolator Switches



Introduction



The Selectric Seal Range of IP rated heavy duty outdoor switches, sockets, RCD protected accessories and enclosures allows you to take power outdoors!
 Fantastically designed, easy to fit with a simple and easy open and close lid action on the IP66 range of sockets.

Selectric Seal offers the highest levels of protection against the outdoor elements. Manufactured to the latest British and European standards and backed with a 5 year no quibble manufacturer's guarantee, this range is not only stylish but also very durable and long lasting!
 Also now the new Selectric Seal series of Weatherprotected Isolating & Rotary Switches are robust ranges are suitable for virtually any external application.

Contents	Page
IP54 Rated 10 amp Switches	152
IP66 Rated 10 amp Switches	152
IP66 Rated 13 amp Sockets	153
IP66 13 amp RCD switched Socket	153
IP66 13 amp unswitched socket with timer	154
IP66 13 amp unswitched socket with remote	154
IP55 Outdoor Heavy Duty In-line RCD	155
IP44 Outdoor Heavy Duty RCD Plug	155
IP64 Protection Box	156
IP56 Weatherproof Isolator Switches	156
IP65 Rotary Isolator Switches	147

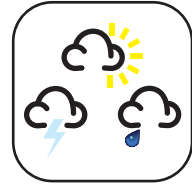
IP ratings explained

The IP Code defined in international standard IEC 60529 classifies the degrees of protection provided against the intrusion of solid objects (including body parts like hands and fingers), dust, accidental contact, and water in electrical enclosures. It consists of the letters IP (for "international protection rating", sometimes also interpreted as "ingress protection rating") followed by two digits and an optional letter. The standard aims to provide users more detailed information than vague marketing terms such as "waterproof".

First number (Protection against solid objects)	Second number (Protection against liquids)
4 Protected against solids objects over 1mm (e.g. tools, wires and small wires)	4 Protected against sprays from all directions - limited ingress permitted
5 Protected against dust - limited ingress (no harmful deposit)	5 Protected against low pressure jets if water from all directions - limited ingress permitted
6 Totally protected against dust	6 Protected against strong jets of water e.g. for use on shipdecks - limited ingress permitted

Features & Benefits

- Highest level of protection against water and outdoor elements
- Easy to install
- Ideal for home or building site applications
- Durable heavy duty materials
- Easy open and close lid action
- 5 Year no quibble manufacturers guarantee



Technical Information – Product Dimensions and Weights

		Width (W):	Depth (D):	Height (H):	Weight:
SS54-100	IP54 - Outdoor Heavy Duty - 10 Amp 1 Gang 2 way Switch	80mm	60mm	70mm	115g
SS54-101	IP54 - Outdoor Heavy Duty - 10 Amp 2 Gang 2 way Switch	71.5mm	55mm	84mm	120g
SS54-102	IP54 - Outdoor Heavy Duty - 10 Amp 1 Gang 2 way Push Switch "PRESS"	71.5mm	55mm	84mm	120g
SS66-100	IP66 - Outdoor Heavy Duty - 10 Amp 1 Gang 2 way Switch	100mm	70mm	100mm	210g
SS66-101	IP66 - Outdoor Heavy Duty - 10 Amp 2 Gang 2 way Switch	100mm	70mm	100mm	220g
SS66-102	IP66 - Outdoor Heavy Duty - 10 Amp 1 Gang 2 way Push Switch "PRESS"	100mm	70mm	100mm	210g
SS66-103	IP66 - Outdoor Heavy Duty - 13 amp 1 Gang Unswitched Socket	100mm	78mm	100mm	248g
SS66-104	IP66 - Outdoor Heavy Duty - 13 amp 2 gang switched socket DP	150mm	78mm	120mm	461g
SS66-105	IP66 - Outdoor Heavy Duty - 13 amp 2 gang RCD switched Socket DP	150mm	78mm	120mm	461g
SS66-106	IP66 - Outdoor Heavy Duty - 13 amp 1 gang Unswitched Socket DP with Timer	150mm	78mm	120mm	413g
SS66-107	IP66 - Outdoor Heavy Duty - 13 amp 1 gang Unswitched Socket DP With Remote Control Socket Receiver	150mm 123mm	78mm 18mm	120mm 46mm	413g 55g (remote control unit)
IL-RCD55	IP55 - Outdoor Heavy Duty In-line RCD	49mm	178mm	54mm	240g
OP-RCD44	IP44 - Outdoor Heavy Duty RCD Plug	145mm	79mm	60mm	182g
OB-64	IP64 - Outdoor Heavy Duty Electricity Protection Box	250mm	125mm	310mm	960g
SS20A-RS - S20A 10kW / SS35A-RS - 35A 16kW / SS63A-RS - 63A 30kW	IP56 Isolator Switches	80mm	90mm	162mm	500g
SSRI-16A	16A / 8kW- IP65 Rotary Isolator Switch	100mm	120mm	125mm	450g
SSRI-20A	20A / 10kW- IP65 Rotary Isolator Switch	100mm	120mm	125mm	450g
SSRI-25A	25A / 12.5kW- IP65 Rotary Isolator Switch	100mm	120mm	125mm	540g
SSRI-32A	32A / 16kW- IP65 Rotary Isolator Switch	100mm	120mm	125mm	540g
SSRI-40A	40A / 18.5kW- IP65 Rotary Isolator Switch	114mm	135mm	175mm	770g
SSRI-63A	63A / 30kW- IP65 Rotary Isolator Switch	114mm	135mm	175mm	770g
SSRI-100A	100A / 55kW- IP65 Rotary Isolator Switch	160mm	165mm	240mm	1360g

IP44 - IP66 Rated RCD, Power & Cable Management

IP54 Rated 10 amp Switches



SS54-100



SS54-101



Code No.	Description
SS54-100	IP54 - Outdoor Heavy Duty with Neon - 10 Amp 1 Gang 2 way Switch
SS54-101	IP54 - Outdoor Heavy Duty - 10 Amp 2 Gang 2 way Switch
SS54-102	IP54 - Outdoor Heavy Duty - 10 Amp 1 Gang 2 way Push Switch



SS54-102
IP54 - Outdoor Heavy Duty - 10 Amp 1 Gang 2 way Push Switch "PRESS"

- Features:**
- SS54-100 - With Integrated LED ON/OFF Indicator
 - X rated
 - 240V~, AC
 - Conforms to the latest British and European Standards

IP66 Rated 10 amp Switches



SS66-100



SS66-102



Code No.	Description
SS66-100	IP66 - Outdoor Heavy Duty with Neon - 10 Amp 1 Gang 2 way Switch
SS66-101	IP66 - Outdoor Heavy Duty - 10 Amp 2 Gang 2 way Switch
SS66-102	IP66 - Outdoor Heavy Duty - 10 Amp 1 Gang 2 way Push Switch



SS66-101
IP66 - Outdoor Heavy Duty - 10 Amp 2 Gang 2 way Switch

- Features:**
- SS66-100 - With Integrated LED ON/OFF Indicator
 - X rated
 - 240V~, AC
 - Easy to install
 - Highest level of protection against water and outdoor elements
 - Threaded Cable Entries on each side
 - Conforms to the latest British and European Standards

IP66 Rated 13 amp Sockets



SS66-104
IP66 - Outdoor Heavy Duty -
13 amp 2 gang switched socket DP

Features:

- 240V~, 13A
- Easy to install
- Highest level of protection against water and outdoor elements
- Threaded Cable Entries on each side
- Easy open and close lid action
- Conforms to the latest British and European Standards

IP66 13 amp RCD switched Socket



SS66-105
IP66 - Outdoor Heavy Duty -
13 amp 2 gang RCD switched socket DP

Features:

- 240V~ 13A 50Hz Max. 3000W
- Easy to install
- Tripping current: 30mA
- Tripping time: <30ms
- With TEST button for safety check
- 2 Earth Terminals
- Highest level of protection against water and outdoor elements
- Threaded Cable Entries on each side
- Easy open and close lid action
- Protection against electric shocks and fires
- Automatically disconnects Live and Neutral connections, leaving Earth
- With an on/off switch for extra safety and convenience
- Trip indication by illuminated mechanical trip indicator
- Does not need re-setting after power loss

SS66-103



Code No.	Description
SS66-103	IP66 - Outdoor Heavy Duty - 13 amp 1 Gang Unswitched Socket
SS66-104	IP66 - Outdoor Heavy Duty - 13 amp 2 gang switched socket DP



Code No.	Description
SS66-105	IP66 - Outdoor Heavy Duty - 13 amp 2 gang RCD switched socket DP



Code No.	Description
SS66-106	IP66 - Outdoor Heavy Duty - 13 amp 1 gang unswitched socket DP with Timer

IP66 13 amp unswitched socket with timer



SS66-106
 IP66 - Outdoor Heavy Duty - 13 amp 1 gang unswitched socket DP with Timer

- Features:**
- 240V~ 13A 50Hz Max. 3000W
 - Easy to install
 - Highest level of protection against water and outdoor elements
 - Threaded Cable Entries on each side
 - Timer with optional isolating ON/OFF switch
 - Easy open and close lid action



Code No.	Description
SS66-107	IP66 - Outdoor Heavy Duty - 13 amp 1 gang unswitched socket DP With Remote Control Socket Receiver

IP66 13 amp unswitched socket with remote



SS66-107
 IP66 - Outdoor Heavy Duty - 13 amp 1 gang unswitched socket DP With Remote Control Socket Receiver

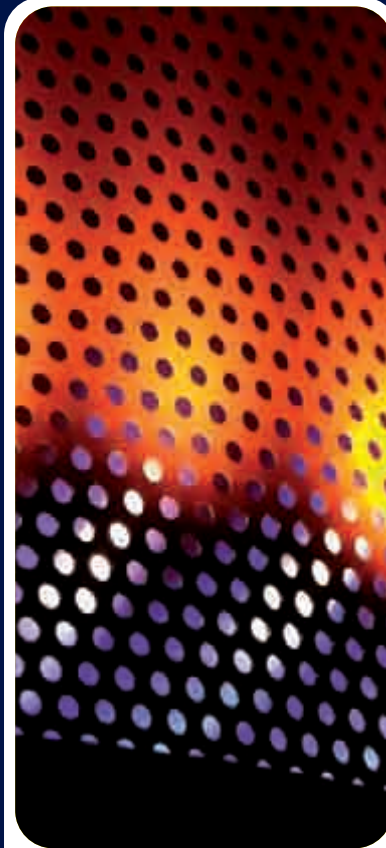
- Features:**
- 240V~ 13A 50Hz Max. 3000W
 - Easy to install
 - High frequency 433.93MHz
 - Self learn system
 - Transmission range up to 70 meters
 - 240V, 13A Transmitter - with 4 channels, each channel control up to 10 receivers
 - Battery operated with 12V DC
 - Highest level of protection against water and outdoor elements
 - Threaded Cable Entries on each side with silicon rubber sealant
 - With optional isolating ON/OFF switch
 - Easy open and close lid action
 - Typical applications: garden lighting, outdoor pond pump etc.

IP55 Outdoor Heavy Duty In-line RCD



IL-RCD55
IP55 - Outdoor Heavy Duty In-line RCD

- Features:**
- 240V~ 13A 50Hz Max. 3120W
 - Tripping current: 30mA
 - Tripping time: <30ms
 - Operating temperature: -25° to 40°
 - Suitable cable: H07RN-F 3G1.5mm2 flexible cable



Code No.	Description
IL-RCD55	IP55 - Outdoor Heavy Duty In-line RCD

IP44 Outdoor Heavy Duty RCD Plug



OP-RCD44
IP44 - Outdoor Heavy Duty RCD Plug

- Features:**
- 240V~ 13A 50Hz Max. 3120W
 - Tripping current: 30mA
 - Tripping time: <30ms
 - Operating temperature: -25° to 40°



Code No.	Description
OP-RCD44	IP44 - Outdoor Heavy Duty RCD Plug

IP44 - IP66 Rated RCD, Power & Cable Management



Code No.	Description
OB-64	IP64 - Outdoor Heavy Duty Electricity Protection Box

IP64 Protection Box



OB-64
IP64 - Outdoor Heavy Duty Electricity Protection Box

Features:

- ABS material
- Water-proof box
- Typical applications: electrical extension leads, transformers for the garden / pond, electrical connectors etc. (4 Gang Extension lead not supplied)
- With easy hang clip
- Easy to hang on the wall
- Ideal for home and building site applications

IP56 Rectangular Weatherproof Isolator Switches



Code No.	Description
SS20A-RS	20A 10kW IP56 isolator switch
SS35A-RS	35A 16kW IP56 isolator switch
SS63A-RS	63A 30kW IP56 isolator switch



SS63A-RS
63A 30kW isolator switch

Features:

- The base mounted mechanism provides for easier termination and more wiring room
- 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 5-6mm
- 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.
- The impact Resistant base and cover will survive the hardest knocks in almost any installation.
- The two sections are sealed with a weather seal gasket

IP65 Rotary Isolator Switches



SSRI-100A
100A / 55kW-
IP65 rotary isolator switch

Features:

- Interlocking lid ensures removal in off position only
- 20mm knockouts upto 40A and 25mm knockouts on 63/100A
- 4 Pole
- IP65 rated for Interior/Exterior use
- Surface mounting with polycarbonate housing
- Lockable in off position (up to 3 padlocks)

SSRI-16A

SSRI-32A

SSRI-40A

Code No.	Description
SSRI-16A	16A / 8kW- IP65 rotary isolator switch
SSRI-20A	20A / 10kW- IP65 rotary isolator switch
SSRI-25A	25A / 12.5kW- IP65 rotary isolator switch
SSRI-32A	32A / 16kW- IP65 rotary isolator switch
SSRI-40A	40A / 18.5kW- IP65 rotary isolator switch
SSRI-63A	63A / 30kW- IP65 rotary isolator switch
SSRI-100A	100A / 55kW- IP65 rotary isolator switch

Ingress Protection Rating

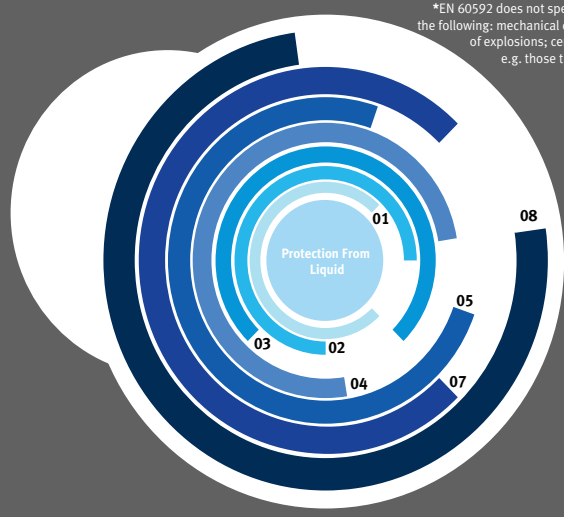
The letters IP followed by two digits and an optional letter. As defined in international standard IEC 60529, it classifies the degrees of protection provided against the intrusion of solid objects (including body parts like hands and fingers), dust, accidental contact, and water in electrical enclosures. The standard aims to provide users more detailed information than vague marketing terms such as waterproof. The rating is also known as index protection. The digits (characteristic numerals) indicate conformity with the conditions summarized in the tables below.

Where there is no protection rating with regard to one of the criteria, the digit is replaced with the letter X. For example, an electrical socket rated IP22 is protected against insertion of fingers and will not be damaged or become unsafe during a specified test in which it is exposed to vertically or nearly vertically dripping water. IP22 or IP2X are typical minimum requirements for the design of electrical accessories for indoor use.

*EN 60529 does not specify sealing effectiveness against the following: mechanical damage of the equipment; the risk of explosions; certain types of moisture conditions, e.g. those that are produced by condensation; corrosive vapours; fungus; vermin



- 00 - Non Protected
- 01 - Protected against solid objects greater than 50mm
- 02 - Protected against solid objects greater than 12mm
- 03 - Protected against solid objects greater than 2.5mm
- 04 - Protected against solid objects greater than 1.0mm
- 05 - Dust Protected
- 06 - Dust Tight



- 00 - Non Protected
- 01 - Protected against water
- 02 - Protected against water dripping water when tilted up 15°
- 03 - Protected against spraying water
- 04 - Protected against splashing water
- 05 - Protected against water jets
- 06 - Protected against heavy seas
- 07 - Protected against the effects of immersion
- 08 - Protected against submersion*