Moisture Proof IP44/55 Plus

Switch & Socket Outlet Series

White

Beige

Gray

Moist Environment Plus IP44 series can be used in moist environments; bathrooms and similar places with water splash potential.

Moist Environment Plus IP55 series can be used in outdoor environments; gardens, garages etc places with spray water and dust potential.

As color options, there is white, cream and grey color choices.

The products of Moisture plus series are produced by using thermoplastic material that is impact resistant in case and cover, is resistant to deformation and breakage at low and high temperatures that is subjected on challenging conditions of the external environment.

Functions

Moisture Proof IP44 Plus

One Way Switch

Schuko Socket Outlet with Lid

IP44
- Protected against splash water from any direction
- Protected against solid objects over 1.0 mm e.g. wires

Moisture Proof IP55 Plus

One Way Switch

Schuko Socket Outlet with Lid

IP55
- Protected against pressurized water from all angles.
- Protection against dust ingress

IP (Ingress Protection) What is the protection class?

IP protection class is a classification standard for the level of environmental protection a electrical casing provides which is improved by European Commission

IP classification consists of 2 digits.
1) Protection against solid objects or materials
2) Protection against liquids (water)

With different numeric codes, the protection level of the product can be determined easily and quickly.
The numeric values corresponds to the levels indicated in the below table.

The value of the used IP protection number of a product shows the level of the protection. For outer or moist environments, it is recommended to use products with high IP values. Because, the working performance and also the user safety requires the product to be of maximum protection level.

The second digit in IP protection is very important for the user. The products used in outer environments and moist environments are subject to water frequently. While this does not mean that the first digit is not important but the second digit is very important and carries lethal value.

First Digit: Protection Against Foreign Solid Objects

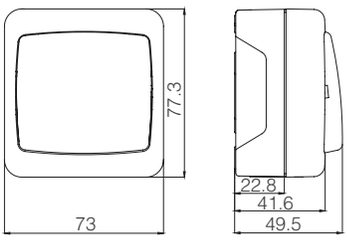
Number	Description
0(x)	not protected.
1	Protected against solid objects with diameter≥ 50 mm. (example: unintentional touch of hand)
2	Protected against solid objects with diameter≥ 12.5 mm. (example: touch with finger)
3	Protected against solid objects with diameter≥ 2.5 mm. (example: tools, screws)
4	Protected against solid objects with diameter≥ 1 mm. (example: fine tools, fine wires)
5	Protected against dust. (there shall be no more than an amount which can effect well functioning of the equipment.)
6	Protected against dust. (there shall be no more than an amount which can effect well functioning of the equipment.)

Second Digit: Protection Against Liquids

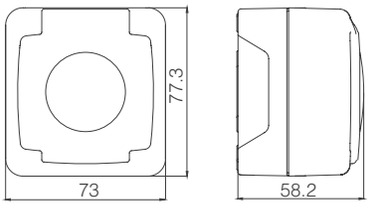
Number	Description
0(x)	not protected
1	Protected against vertically dropping water drops.
2	Protected against water drops falling up to 15° of angle.
3	Protected against water drops falling up to 60° of angle.
4	Protected against splash water from all angles.
5	Protected against pressurized water from all angles.
6	Protected against pressurized water impacts from all angles.
7	Protected against temporary dipping in water.
8	Protected against permanent dipping in water.

Technical Drawings

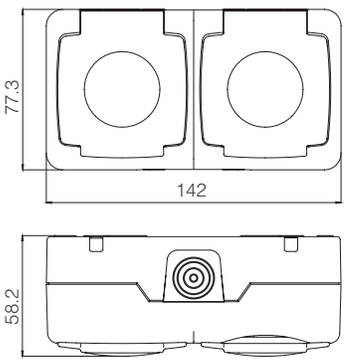
One Way Switch



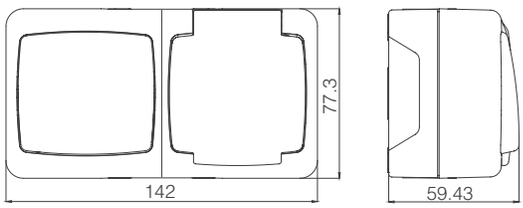
Schuko Socket Outlet with Lid



Double Schuko Socket Outlet With Cover



One Way Switch + Schuko Socket Outlet with Lid



Moisture Proof IP44 Plus Switch & Socket Outlet Series

One Way Switch
37064001
10 AX, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

One Way Switch Illuminated
37064021
10 AX, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Two-Circuit Switch
37064003
10 AX, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Two-Circuit Switch Illuminated
37064023
10 AX, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Bell Switch
37064050
10 A, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Light Switch
37064004
10 A, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Shutter Push-Button
37064041
10 A, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Two-Way Switch
37064005
10 AX, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Intermediate Switch
37064020
10 AX, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Schuko Socket Outlet with Lid
37064029
16 A, 250 V~
IEC 60884-1
Piece in Box / Package - 12 / 120

Dual Moist Environment Switch + Schuko Socket Outlet with Lid
37064202
10 AX, 250 V~ / 16 A, 250 V~
EN 60669-1 / IEC 60884-1
Piece in Box / Package - 6 / 60

Dual Moist Environment One Way Switch Illuminated + Schuko Socket Outlet with Lid
37064A82
10 AX, 250 V~ / 16 A, 250 V~
EN 60669-1 / IEC 60884-1
Piece in Box / Package - 6 / 60

Dual Moist Environment
Commutator + Schuko Socket
Outlet with Lid
37064203
10 AX, 250 V~ / 16 A, 250 V~
EN 60669-1 / IEC 60884-1
Piece in Box / Package - 6 / 60

Dual Moist Environment
Two-Circuit Switch Illuminated +
Schuko Socket Outlet with Lid
37064A84
10 AX, 250 V~ / 16 A, 250 V~
EN 60669-1 / IEC 60884-1
Piece in Box / Package - 6 / 60

Dual Moist Environment
Schuko Covered Socket
37064201
16 A, 250 V~
IEC 60884-1
Piece in Box / Package - 6 / 60

Moisture Proof IP44 Plus	Code No.	Piece in Box	Piece in Package	Gross Weight (kg)	Size of Package (mm)
One Way Switch	37 xxx 001	12	120	14,44	335 x 490 x 370
One Way Switch Illuminated	37 xxx 021	12	120	14,33	335 x 490 x 370
One Way Switch Screwless	37 xxx 101	12	120	14,34	335 x 490 x 370
One Way Switch Screwless Terminal Illuminated	37 xxx 121	12	120	12,59	335 x 475 x 300
Two-Circuit Switch	37 xxx 003	12	120	14,56	335 x 490 x 370
Two-Circuit Switch Illuminated	37 xxx 023	12	120	13,82	335 x 475 x 300
Two-Circuit Switch Screwless	37 xxx 103	12	120	14,50	335 x 490 x 370
Two-Circuit Switch Screwless Terminal Illuminated	37 xxx 123	12	120	15,08	335 x 490 x 370
Light Switch	37 xxx 004	12	120	15,06	335 x 490 x 370
Light Switch Screwless	37 xxx 104	12	120	15,00	335 x 490 x 370
Light Switch Illuminated	37 xxx 024	12	120	14,20	335 x 490 x 370
Light Switch Illuminated Screwless	37 xxx 124	12	120	14,14	335 x 490 x 370
Two-Way Switch	37 xxx 005	12	120	14,55	335 x 490 x 370
Two-Way Switch Screwless	37 xxx 105	12	120	14,50	335 x 490 x 370
Two-Way Switch Illuminated	37 xxx 025	12	120	14,35	335 x 490 x 370
Two-Way Switch Illuminated Screwless	37 xxx 125	12	120	14,29	335 x 490 x 370
Schuko Socket Outlet with Lid	37 xxx 029	12	120	16,56	320 x 475 x 385
Schuko Socket Outlet with Lid Screwless	37 xxx 099	12	120	16,56	320 x 475 x 385
Intermediate Switch	37 xxx 020	12	120	14,56	335 x 490 x 370
Intermediate Switch Screwless	37 xxx 120	12	120	14,50	335 x 490 x 370
Intermediate Switch Illuminated	37 xxx 040	12	120	14,40	335 x 490 x 370
Intermediate Switch Illuminated Screwless	37 xxx 140	12	120	14,34	335 x 490 x 370
Bell Switch	37 xxx 050	12	120	13,50	335 x 490 x 370
Bell Switch Screwless	37 xxx 150	12	120	13,44	335 x 490 x 370
Shutter Push-Button	37 xxx 041	12	120	14,06	335 x 490 x 370
Shutter Push-Button Screwless	37 xxx 141	12	120	14,05	335 x 490 x 370
Dual Moist Environment Switch + Schuko Socket Outlet with Lid	37 xxx 202	6	60	13,94	335 x 490 x 370
Dual Moist Environment One Way Switch Illuminated + Schuko Socket Outlet with Lid	37 xxx A82	6	60	13,94	335 x 490 x 370
Dual Moist Environment One Way Switch Illuminated + Schuko Socket Outlet with Lid Screwless	37 xxx A83	6	60	13,88	335 x 490 x 370
Dual Moist Environment Switch + Schuko Socket Outlet with Lid Screwless	37 xxx 207	6	60	13,88	335 x 490 x 370
Dual Moist Environment Commutator + Schuko Socket Outlet with Lid	37 xxx 203	6	60	14,00	335 x 490 x 370
Dual Moist Environment Two-Circuit Switch Illuminated + Schuko Socket Outlet with Lid	37 xxx A84	6	60	14,00	335 x 490 x 370
Dual Moist Environment Two-Circuit Switch Illuminated + Schuko Socket Outlet with Lid Screwless	37 xxx A85	6	60	14,00	335 x 490 x 370
Dual Moist Environment Commutator + Schuko Socket Outlet with Lid Screwless	37 xxx 208	6	60	14,00	335 x 490 x 370
Dual Moist Environment Covered Schuko Socket	37 xxx 201	6	60	14,59	335 x 490 x 370
Dual Moist Environment Covered Schuko Outlet with Socket Lid Screwless	37 xxx 206	6	60	14,53	335 x 490 x 370

Within the product codes showing 'xxx', enter the color from the table below.

	Code No
Colors	xxx
Gray	064
White	001
Beige	010

Moisture Proof IP55 Plus Switch & Socket Outlet Series

One Way Switch
36064001
10 AX, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

One Way Switch Illuminated
36064021
10 AX, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Two-Circuit Switch
36064003
10 AX, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Two-Circuit Switch Illuminated
36064023
10 AX, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Bell Switch
36064050
10 A, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Light Switch
36064004
10 A, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Shutter Push-Button
36064041
10 A, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Two-Way Switch
36064005
10 AX, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Intermediate Switch
36064020
10 AX, 250 V~
EN 60669-1
Piece in Box / Package - 12 / 120

Schuko Socket Outlet with Lid
36064029
16 A, 250 V~
IEC 60884-1
Piece in Box / Package - 12 / 120

Dual Moist Environment Switch + Schuko Socket Outlet with Lid
36064202
10 AX, 250 V~ / 16 A, 250 V~
EN 60669-1 / IEC 60884-1
Piece in Box / Package - 6 / 60

Dual Moist Environment One Way Switch Illuminated + Schuko Socket Outlet with Lid
36064A82
10 AX, 250 V~ / 16 A, 250 V~
EN 60669-1 / IEC 60884-1
Piece in Box / Package - 6 / 60

Dual Moist Environment
Commutator + Schuko Socket
Outlet with Lid
36064203
10 AX, 250 V~ / 16 A, 250 V~
EN 60669-1 / IEC 60884-1
Piece in Box / Package - 6 / 60

Dual Moist Environment
Two-Circuit Switch Illuminated +
Schuko Socket Outlet with Lid
36064A84
10 AX, 250 V~ / 16 A, 250 V~
EN 60669-1 / IEC 60884-1
Piece in Box / Package - 6 / 60

Dual Moist Environment
Schuko Covered Socket
36064201
16 A, 250 V~
IEC 60884-1
Piece in Box / Package - 6 / 60

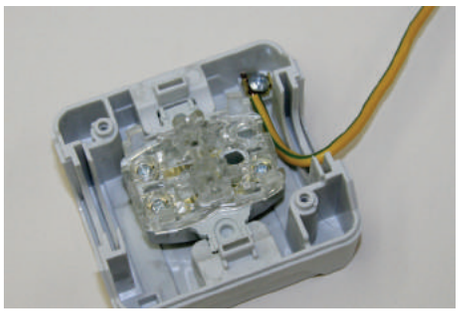
Moisture Proof IP55 Plus	Code No.	Piece in Box	Piece in Package	Gross Weight (kg)	Size of Package (mm)
One Way Switch	36 xxx 001	12	120	14,70	335 x 490 x 370
One Way Switch Illuminated	36 xxx 021	12	120	14,00	335 x 475 x 300
One Way Switch Screwless	36 xxx 101	12	120	14,64	335 x 490 x 370
One Way Switch Screwless Terminal Illuminated	36 xxx 121	12	120	14,58	335 x 490 x 370
Two-Circuit Switch	36 xxx 003	12	120	14,83	335 x 490 x 370
Two-Circuit Switch Illuminated	36 xxx 023	12	120	15,43	335 x 490 x 370
Two-Circuit Switch Screwless	36 xxx 103	12	120	14,77	335 x 490 x 370
Two-Circuit Switch Screwless Terminal Illuminated	36 xxx 123	12	120	13,06	335 x 475 x 300
Light Switch	36 xxx 004	12	120	15,42	335 x 490 x 370
Light Switch Screwless	36 xxx 104	12	120	15,36	335 x 490 x 370
Light Switch Illuminated	36 xxx 024	12	120	14,50	335 x 490 x 370
Light Switch Illuminated Screwless	36 xxx 124	12	120	14,44	335 x 490 x 370
Two-Way Switch	36 xxx 005	12	120	14,92	335 x 490 x 370
Two-Way Switch Screwless	36 xxx 105	12	120	14,86	335 x 490 x 370
Two-Way Switch Illuminated	36 xxx 025	12	120	14,65	335 x 490 x 370
Two-Way Switch Illuminated Screwless	36 xxx 125	12	120	14,59	335 x 490 x 370
Schuko Socket Outlet with Lid	36 xxx 029	12	120	16,94	320 x 475 x 385
Schuko Socket Outlet with Lid Screwless	36 xxx 099	12	120	16,56	320 x 475 x 385
Intermediate Switch	36 xxx 020	12	120	14,85	335 x 490 x 370
Intermediate Switch Screwless	36 xxx 120	12	120	14,85	335 x 490 x 370
Intermediate Switch Illuminated	36 xxx 040	12	120	14,70	335 x 490 x 370
Intermediate Switch Illuminated Screwless	36 xxx 140	12	120	14,64	335 x 490 x 370
Bell Switch	36 xxx 050	12	120	13,83	335 x 490 x 370
Bell Switch Screwless	36 xxx 150	12	120	13,78	335 x 490 x 370
Shutter Push-Button	36 xxx 041	12	120	14,45	335 x 490 x 370
Shutter Push-Button Screwless	36 xxx 141	12	120	14,39	335 x 490 x 370
Dual Moist Environment Switch + Schuko Socket Outlet with Lid	36 xxx 202	6	60	14,30	335 x 490 x 370
Dual Moist Environment One Way Switch Illuminated + Schuko Socket Outlet with Lid	36 xxx A82	6	60	14,30	335 x 490 x 370
Dual Moist Environment One Way Switch Illuminated + Schuko Socket Outlet with Lid Screwless	36 xxx A83	6	60	14,24	335 x 490 x 370
Dual Moist Environment Switch + Schuko Socket Outlet with Lid Screwless	36 xxx 207	6	60	14,24	335 x 490 x 370
Dual Moist Environment Commutator + Schuko Socket Outlet with Lid	36 xxx 203	6	60	14,35	335 x 490 x 370
Dual Moist Environment Two-Circuit Switch Illuminated + Schuko Socket Outlet with Lid	36 xxx A84	6	60	14,35	335 x 490 x 370
Dual Moist Environment Two-Circuit Switch Illuminated + Schuko Socket Outlet with Lid Screwless	36 xxx A85	6	60	14,35	335 x 490 x 370
Dual Moist Environment Commutator + Schuko Socket Outlet with Lid Screwless	36 xxx 208	6	60	14,35	335 x 490 x 370
Dual Moist Environment Covered Schuko Socket	36 xxx 201	6	60	14,88	335 x 490 x 370
Dual Moist Environment Covered Schuko Outlet with Socket Lid Screwless	36 xxx 206	6	60	14,81	335 x 490 x 370

Within the product codes showing 'xxx', enter the color from the table below.

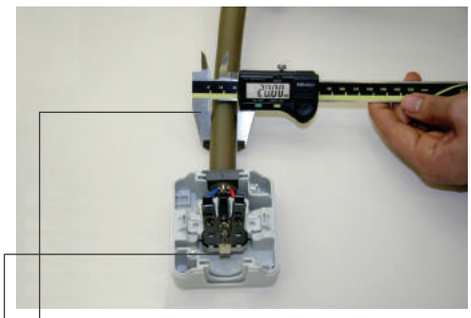
	Code No
Colors	xxx
Gray	064
White	001
Beige	010

Technical Details

You do not need to screw or unscrew throughly thanks to design.

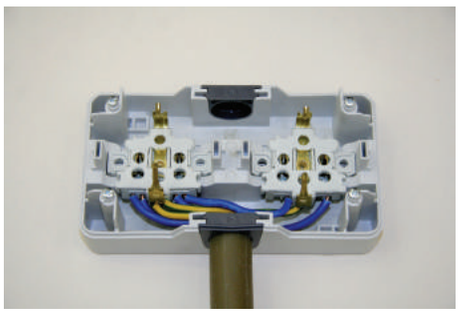


Possibility to connect earthing conductor to switches.



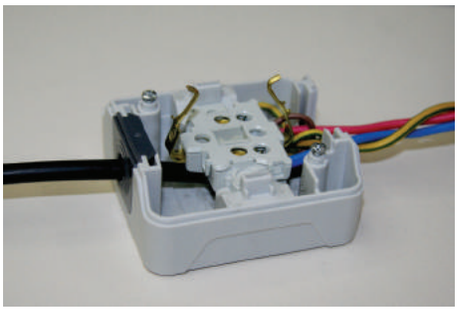
Conduits permit as Ø20 mm diameter.

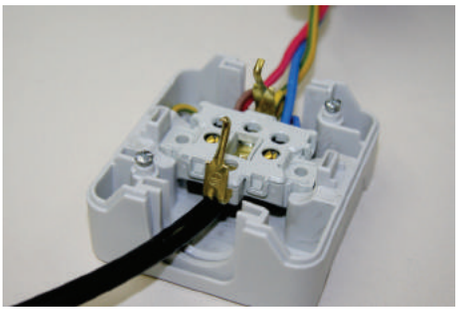
Mechanisms can fit own place tight.



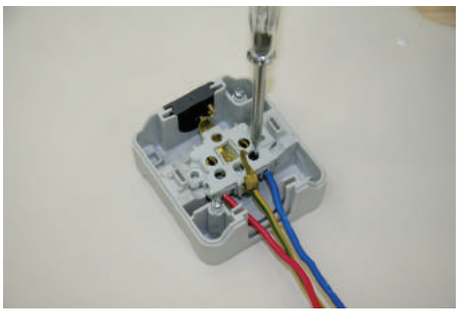
Bridge circuits are ready.
Wide space for connection conductors.

Possibility to pass the cord below the mechanism

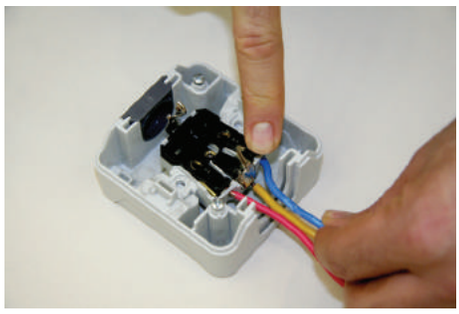




There are two options with or without screw terminals (quick connection)

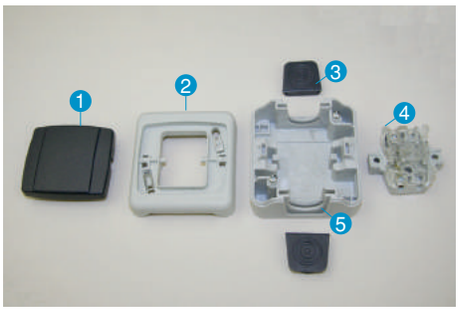


With screw terminals

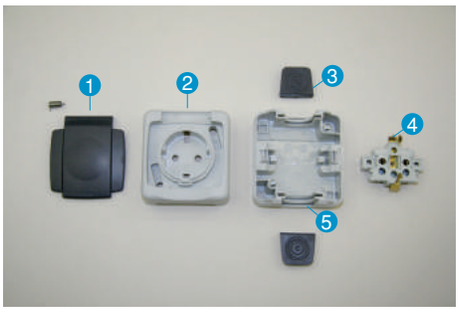


Without screw terminals and Socket Outlets

Materials of switches and socket outlets

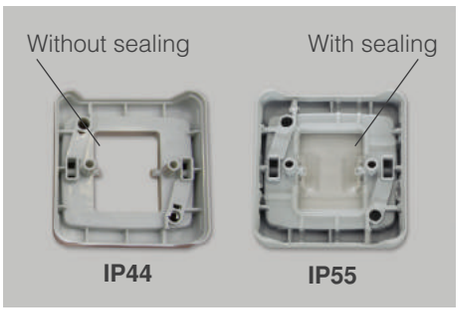


1. Switch Button	ABS
2. Switch Cover	PP (polypropylene)
3. Conduit Plug	PVC
4. Mechanism	PA6 (polyamide 6) / PC (polycarbonate)
5. Box	PP (polypropylene)



1. Lid	ABS
2. Socket Cover	PP (polypropylene)
3. Conduit Plug	PVC
4. Mechanism	PA6 (polyamide 6) / PC (polycarbonate)
5. Box	PP (polypropylene)

Differencies between IP44 and IP55



IP44
- Protected against splash water from any direction
- Protected against solid objects over 1.0 mm e.g. wires

IP55
- Protected against pressurized water from all angles.
- Protection against dust ingress