

Switches & Sockets

Comprehensive Catalogue





Table of Contents

Warranty Page 5

Service Policy Page 5

About Us Page 6

Profile Page 6

Certifications Page 7

alf Page 8

alf New Page 22

Omnia Page 38

Granada Page 54

Mira Page 64

Sldra Page 76

alf Euro Page 88

Omnia Euro Page 100

Supplementary Accessories Page 110

Wiring Diagrams Page 114

Technical Informations Page 116

SAFE & RELIABLE PRODUCTS



alfanar provides wide range of
Switches & Sockets

Warranty

alfanar wiring accessories are under an actual warranty for all of their products. Any product having a fault under normal use during the warranty, will either be repaired or replaced free of charge.

Service Policy

alfanar has a comprehensive service policy offered for its products geared to providing its customers great value. Our objective is to help our customers select the right product, to provide technical support, and get the best price.

alfanar's customer service department receives many customer inquiries or requests for help throughout the year and we make sure each and every customer request is solved to the customer's satisfaction, absolutely FREE.

To make clear its commitment of backing its products, **alfanar** offers its customers a Total Satisfaction Guaranty policy. This gives **alfanar** customers the right to return any defective item or a total refund of the money. No questions asked.

For further information please contact our toll free no. **800 124 1333**.

Or visit our website **www.alfanar.com**



About Us

alfanar believes, and stands for superior quality, innovation, and service excellence. An efficient leadership driven by such qualities forms the foundation of our organization. Technology drives our business; the latest and the safest technology is what we offer you and we work towards continuous improvement and innovation. We take pride in offering high quality products that are "Value for Money". In order to do this our engineers are always in search for new and appropriate technologies to enhance the quality of life and safety of our products.

alfanar offers Total Solutions. Our products and services form an integrated package that promises one a lifetime of peace of mind. This is part of **alfanar**'s vision to be responsive to customer needs and even anticipate them by providing them solutions they need.

alfanar way of life or if we say its philosophy is to blend design, technology and engineering in a way that gives our customers the tools they need to be better in their business or in everyday life.

Leveraging our core strengths and giving our customers the best in the industry is our definition of success.

Profile

alfanar's present product portfolio consists of a range of electrical switch accessories, panel boards such as load centres, circuit breaker enclosures etc and miniature circuit breakers. This will be expanded depending on the direction set by future strategy.

alfanar products are sold both within the Kingdom and abroad. Its network of sales offices are spread out throughout the Kingdom with access to thousands of retail outlets reaching into even remote areas. Its operations abroad in Iraq, UAE, Qatar, Egypt, Libya etc are handled by the Export Dept.

The people at **alfanar** are distinguished by their motivation to do things better. At **alfanar** great stress is laid on product quality and in providing excellent service to our customers. We believe in working with our customers to uncover better solutions for their unique needs.

Certifications

alfanar products are certified by leading local and international organizations. Our manufacturing facility has ISO:9001 certification and alfanar products are certified by SASO (Saudi Arabian Standards Organization).

Besides **alfanar** products are approved by several ministries in KSA such as Ministry of Education, Health, Border Guards, Civil Defence etc.



Clientele

alfanar has the honour to have served a long list of prestigious clients. Some of the names are

- SAUDI TELECOM
- CENTRAL LABORATORY & FIRE BRIGADE BUILDING (NATIONAL GUARDS)
- MINISTRY OF INFORMATION
- SALINE WATER CONVERSION CORPORATION
- CIVIL DEFENCE (MINISTRY OF INTERIOR)
- PRISONS GENERAL DEPARTMENT
- MINISTRY OF RELIGION & ENDOWMENTS
- MINISTRY OF POST & TELECOM
- MINISTRY OF LABOR
- MINISTRY OF HEALTH
- MINISTRY OF TRANSPORTATION
- MINISTRY OF TECHNICAL COLLEGE
- TECHNICAL / COMMERCIAL INSTITUTE
- MINISTRY OF SECONDARY EDUCATION (BOYS & GIRLS SCHOOL)
- MUSEUM & RUINS
- MINISTRY OF JUSTICE
- MINISTRY OF RELIGIOUS STUDIES
- MINISTRY FOR AGRICULTURAL BANKS
- HIGHWAY SECURITY FORCE COMMAND BUILDING (MINISTRY OF INTERIOR)
- MINISTRY OF ELECTRICITY - PUBLIC ELECTRICITY CORPORATION (SANA'A REPUBLIC OF YEMEN)



British Standard

- As per British and SASO standards
- Modern sleek profile
- Twin earth standard on 13 Amp twin sockets
- Free of choice between White & Beige color.



With elegant curved edges, the alf range from alfanar offers a modern and stylish solution for the home or office



Lighting & Bell Switches

10A (BSEN 60669-1)



B101
B102



B201
B202



B301
B302



B401
B402



B103



B2401
B2402



B2601
B2602



B2801
B2802



B20113



British Standard

Lighting & Bell Switches

10A (BSEN 60669-1)

B101

10AX 1W Switch 1 Gang,
7x7

B102

10AX 2W Switch 1 Gang,
7x7

B201

10AX 1W Switch 2 Gang,
7x7

B202

10AX 2W Switch 2 Gang,
7x7

B301

10AX 1W Switch 3 Gang,
7x7

B302

10AX 2W Switch 3 Gang,
7x7

B401

10AX 1W Switch 4 Gang,
7x7

B402

10AX 2W Switch 4 Gang,
7x7

B103

10A Switch with Bell
Symbol 1 Gang, 7x7

B2401

10AX 1W Switch 4 Gang,
7x14

B2402

10AX 2W Switch 4 Gang,
7x14

B2601

10AX 1W Switch 6 Gang,
7x14

B2602

10AX 2W Switch 6 Gang,
7x14

B2801

10AX 1W Switch 8 Gang,
7x14

B2802

10AX 2W Switch 8 Gang,
7x14

B20113

10A 1W switch + LED 2
Gang 7x7

Lighting, Water Heater & Air Conditioner Switches

20A (BSEN 60669-1)

45A (BSEN 60669-1)



B117-G2
B118-G2



B217-G2
B218-G2



B104-G2
BG104-G2



B104-G2-PR01
BG104-G2-PR01



B163



N17-G2



N17-G2-PR02



N18-G2



N18-G2-PR02



British Standard

Lighting, Water Heater & Air Conditioner Switches

20A (BSEN 60669-1)

45A (BSEN 60669-1)

B117-G2

20A Intermediate
1 Gang, 7x7

B118-G2

20A 2W 1 Gang, 7x7

B217-G2

20A intermediate
2 Gang, 7x7

B218-G2

20A 2W 2 Gang, 7x7

B104-G2

20A Double Pole Switch
with Indicator 1 Gang, 7x7

BG104-G2

20A Double Pole Switch
with indicator & earth strap
1 Gang, 7x7

B104-G2-PR01

20A Double Pole Switch
with Indicator and Marked
"Water Heater"
1 Gang, 7x7

BG104-G2-PR01

20A Double Pole Switch
with indicator & earth strap
Marked "Water Heater" 1
Gang, 7x7

B163

20A curtain switch
double pole 7x7

N17-G2

45A Double Pole Switch
with Indicator 1 Gang, 7x7

N17-G2-PR02

45A Double Pole Switch
with Indicator and Marked
"Air Conditioner"
1 Gang, 7x7

N18-G2

45A Double Pole Switch
with Indicator 1 Gang, 7x14

N18-G2-PR02

45A Double Pole Switch
with Indicator and Marked
"Air Conditioner"
1 Gang, 7x14

Power Socket Outlets

Lighting Control Dimmers

13A (BS 1363 / SASO 2203)
13A (IEC 60884)

13A (BS 1363)
13A (BS 7288)
13A (BS 5733/IEC 60884 where applicable)

Dimmer (BSEN 60669-2-1)



N14



N99



B131-G3
B132-G3



N12-G2



N100



BL186



N23-G2



B188



N49



N13-G2



BL230



B231
B232



N67-G2



British Standard

Power Socket Outlets

13A (BS 1363 / SASO 2203)
13A (IEC 60884)

13A (BS 5733)
2.1 A USB (IEC 62684 & BC 1.2)
13A (IEC 60884)

N14

13A Socket 1 Gang, 7x7

N12-G2

13A Double Pole Switched
Socket 1 Gang, 7x7

N23-G2

13A Double Pole Switched
Socket with Indicator 1 Gang,
7x7

N13-G2

13A Double Pole Switched
Socket 2 Gang, 7x14

N67-G2

13A Double Pole Switched
Socket 2 Gang with Indicator,
7x14

N99

13A 240V Power Socket with
1gang 2.1A 5V DC USB
Charging Socket 7X7

N100

13A 240V Power Socket
2gang with 2 Port 2.1A 5V DC
USB Charging Socket 7X7

B188

2.1A 5V DC 1gang USB
Charging Socket 7X7

BL230

80W/240V Fan Regulator 7x7

Lighting Control Dimmers

(BSEN 60669-2)

B131-G3

60-500W 200-240V
40-250W 110-127V 1W
rotary Dimmer 1 Gang, 7x7

B132-G3

60-500W 200-240V
40-250W 110-127V 2W
Push Dimmer 1 Gang, 7x7

BL186

150-1000W 240V 1Way Rotatory
Dimmer 1 Gang, 7x7

N49

1500W 127V/2500W 240V 1W
Rotary Dimmer 1 Gang, 7x14

B231

500W 240V Dimmer 1W
Push type 2 Gang, 7x7

B232

500W 240V Dimmer 2W
Push type 2 Gang, 7x7

Power Socket Outlets

15A (SASO 2204)
15A (BS 546)

16A (IEC 60884)13A (BS 7288)
13A (BS 5733)

16A (BS 5733)
13A (BS 7288)
BS EN 61558-2-5
16A (IEC 60884)



N66



N70 *



N11 *



N24 *



N51



N53



N35 *



B115 *
B116 *



BL221 *
BL222 *



N52 *



BL2421 *



British Standard

Power Socket Outlets

15A (BS 546)
16A (IEC 60884)

13A (BS 5733)
13A (BS 7288)

16A (BS 5733)
BS EN 61558-2-5

N66

15A/127V SASO Socket
1 Gang, 7x7

N70 *

13A International DP Switched
Socket 1 Gang, 7x7

N11 *

16A Universal Socket
2 Gang, 7x14

N24 *

15A Double Pole Switched
Socket with Indicator
1Gang, 7x7

N51

13A 240V RCD Double pole
Switched Socket "30mA tripping
current" 2Gang, 7x14

N53

Shaver Socket Dual Voltage
115/230V, 7x14

N35 *

15A Special A/C Switched
Socket with Indicator Tested
to 32A Marked "A/C" 1
Gang, 7x7

B115 *

10A 2 PIN SOCKET

BL221 *

16A Schuko Socket with Shutter 1
Gang, 7x7

B116 *

16A 2pin universal socket 1G

BL222 *

16A Schuko Socket without Shutter
1 Gang, 7x7

N52 *

Special A/C Socket (32A)
with Switch and LED Indi-
cator 1 Gang with 15Amp
Plug, 7x7

BL2421 *

2G sz 16A schuko socket w/shutter

Note:

(*) For Export

Communications Socket Outlets

(BS 5733 where applicable)

TV/FM Outlets Satellite Outlets

(BS3041 where applicable)



B107



B105



B109A



**BL2137
BL189**



B114



B110A



**BL2237
BL289**



B209A10A



**B106
B119**



B20609A



B137



B20610A



British Standard

Communication Socket Outlets

(BS 5733 where applicable)

B107

Data Socket Outlet
CAT 5 - RJ45 1 Gang, 7x7

BL2137

Data Socket Outlet
CAT 6 - RJ45 1 Gang, 7x7

BL189

Data Socket Outlet
CAT 6A - RJ45 1 Gang, 7x7

BL2237

Data Socket Outlet
CAT 6 - RJ45 2 Gang, 7x7

BL289

Data Socket Outlet
CAT 6A - RJ45 2 Gang, 7x7

B106

Telephone Jack 6P 6C RJ11
(American Type)
1 Gang, 7x7

B119

Telephone Jack 6P 4C RJ11
(American Type)
1 Gang, 7x7

B137

Data Socket Outlet
CAT 6 - RJ45 1 Gang, 7x7

B105

British telephone MASTER
Socket 1 Gang, 7x7

B114

British telephone SECONDARY
Socket 1 Gang, 7x7

TV/FM Outlets Satellite Outlets

(BS3041 where applicable)

B109A

75 Ohm Angular TV Socket
1 Gang, 7x7

B110A

75 Ohm Angular Satellite Socket
1 Gang, 7x7

B209A10A

75 Ohm TV Socket 1 Gang +75
Ohm satellite socket 2 Gang, 7x7

B20609A

American Telephone
Socket RJ11 6P 6C 1 Gang + 75
Ohm Angular TV Socket 2 Gang,
7X7

B20610A

American Telephone Socket RJ11
6P 6C 1 Gang + 75 Ohm Angular
Satellite Socket 2 Gang, 7X7

Buzzer
Fuse Unit
Moon Lamp
Music Doorbell

IS 2268 & IS 302-2-203, SASO IEC 62031
(where applicable)

Cable Outlets
Blank Plate

BS 5733 (where applicable)



B140
B141



BL271-W/BL271-Y/BL271-R



BL272-W/BL272-Y/BL272-R



B142



BL282



B112



N08



B108



B208



N19



British Standard

Buzzer
Fuse Unit
Moon Lamp
Music Doorbell

IS 2268 & IS 302-2-203 SASO
IEC 62031 (Where applicable)

B140

Buzzer 110V (30)VA
1 Gang, 7x7

B141

Buzzer 230V (15) VA
1 Gang, 7x7

BL271-W/BL271-Y/BL271-R

0.5 W 127V/220V Conical
Foot Lamp, 7x7

BL272-W/BL272-Y/BL272-R

0.2 W 127V/220V Flat Moon
Lamp, 7x7

B142

Fuse unit 13A 250V
1 Gang, 7x7

BL282

127V/220V Music Door Bell,
7x7

Cable Outlets
Blank Plate

BS 5733 (where applicable)

B112

20A Cord Grommet
1 Gang, 7x7

N08

Blank Plate 1 Gang, 7x7

B108

Modular Blank Plate
1 Gang, 7x7

B208

Modular Blank Plate
2 Gang, 7x7

N19

45A Connection Unit
7x7

Color codes:

to order Beige color, just add the code **BG03** at the end of the item codes

Example:

alf 10A switch 1gang 1 way 7x7 white code: **B101**

to order beige, the beige code: **B101-BG03**



With elegant curved edges, the alf range from alfanar offers a modern and stylish solution for the home or office

New

alf

British Standard

- As per British and SASO standards
- Modern sleek profile
- Twin earth standard on 13 Amp twin sockets
- Small & wide rocker choice
- Free of choice between White & Beige color



Elegantly shaped coverplate made of engineering thermoplastic material with high glossy finish

Housing made of engineering thermoplastic material



Lighting & Bell Switches

10A (BSEN 60669-1)



AB101
AB102



AB201
AB202



AB301
AB302



AB103



AB401
AB402



AB2401
AB2402



AB2601



AB2801



AB240113

New



British Standard

Lighting & Bell Switches

10A (BSEN 60669-1)

AB101

10AX Switch 1gang
1 way 7x7

AB102

10AX Switch 1gang
2 way 7x7

AB201

10AX Switch 2gang 1way
7x7

AB202

10AX Switch 2gang 2way
7x7

AB301

10AX Switch
3gang 1way 7x7

AB302

10AX Switch 3gang 2way
7x7

AB103

10A Bell Push Switch 1gang
7x7

AB401

10AX Switch 4gang 1way
7x7

AB402

10AX Switch 4gang 2way
7x7

AB2401

10AX Switch 4gang 1way
7x14

AB2402

10AX Switch 4gang 2way
7x14

AB2601

10AX Switch 6gang 1way
7x14

AB2801

10AX Switch 8gang 1way
7x14

AB240113

10AX Switch 3gang 1way +
LED 7X14

Lighting, Water Heater & Air Conditioner Switches

20A (BSEN 60669-1)

45A (BSEN 60669-1)

Air Conditioner Connection Unit 45A (BSEN 60669-1) Curtain Switch



AB104



AB104-PR01



AB204



AB117
AB118



AB217
AB218



AN17



AN17-PR02



AN18



AN18-PR02



AN96



AN19



AB163

New

alf®

British Standard

Lighting & Water Heater Switches

20A (BSEN 60669-1)

AB104

20A 1gang Double Pole Switch with Indicator 7x7

AB104-PR01

20A 1gang Double Pole Switch with Indicator Printed "Water Heater" 7x7

AB204

20A 2gang Double Pole Switch with indicator 7x7

AB117

20A 1gang Intermediate Switch 7x7

AB118

20A Switch 1gang 2way 7x7

AB217

20A Switch 2gang Intermediate 7x7

AB218

20A Switch 2gang 2way 7x7

Air Conditioner Switches

45A (BSEN 60669-1)

AN17

1gang 45A Double Pole Switch with indicator 7x7

AN17-PR02

1gang 45A Double Pole Switch with indicator A/C Printed 7x7

AN18

2 gang Size 45A Double Pole Switch with indicator 7x14

AN18-PR02

45A Double Pole Switch with indicator A/C Printed 7x14

Air Conditioner Connection Unit Curtain Switch

45A (BSEN 60669-1)

AN96

1 gang / 2 gang size 45A Switch with connection unit

AN19

45A double pole connection unit 7x7

AB163

20A Curtain Switch Double Pole 7x7

Lighting & Bell Switches

10A (BSEN 60669-1)



ABW101
ABW102



ABW103



ABW4401
ABW4402



ABW201
ABW202



ABWN181



ABW4201
ABW4202



ABW301
ABW302



ABW4301

New



British Standard

Lighting & Bell Switches

10A (BSEN 60669-1)

ABW101

10AX Switch 1gang
1 way 7x7
Wide Rocker

ABW102

10AX Switch 1gang
2 way 7x7
Wide Rocker

ABW201

10AX Switch 2gang 1way 7x7
Wide Rocker

ABW202

10AX Switch 2gang 2way 7x7
Wide Rocker

ABW301

10AX switch 3 Gang 1way 7x7
Wide Rocker

ABW302

10AX Switch 3gang 2way 7x7
Wide Rocker

ABW103

10A Bell Push Switch 1
Gang, 7x7 Wide Rocker

ABWN181

10A Curtain Switch 2 Gang
7x7 Wide Rocker

ABW4401

10AX Switch 4 Gang 1 Way
7x14 Wide Rocker

ABW4402

10AX Switch 4 Gang 2 Way
7x14 Wide Rocker

ABW4201

10AX Switch 2 Gang 1 Way
7x14 Wide Rocker

ABW4202

10AX Switch 2 Gang 2 Way
7x14 Wide Rocker

ABW4301

10AX Switch 3 Gang 1 Way
7x14 Wide Rocker

Lighting, Water Heater & Air Conditioner Switches

20A (BSEN 60669-1)

20A (BSEN 60669-1)

45A (BSEN 60669-1)



ABW104



ABW4318



ABWN117



**ABW117
ABW217**



ABW4418



**ABW118
ABW218**



ABWN180

New

alf

British Standard

Lighting, Water Heater & Curtain Switches

20A (BSEN 60669-1)

ABW104

20A Switch 1 Gang Double Pole with Indicator 7x7 Wide Rocker

ABW117

20A Switch 1 Gang Intermediate 7x7 Wide Rocker

ABW217

20A Switch 2 Gang intermediate 7x7 Wide Rocker

ABW118

20A Switch 1 Gang 2 Way 7x7 Wide Rocker

ABW218

20A Switch 2 Gang 2 Way 7x7 Wide Rocker

ABWN180

20A Curtain Switch 2 Gang 7x7 Wide Rocker2

ABW4318

20A 2W Switch 3 Gang 7x14 Wide Rocker

ABW4418

20A 2W Switch 4 Gang 7x14 Wide Rocker

Air Conditioner Switches

45A (BSEN 60669-1)

ABWN117

45A Switch 1 Gang Double Pole with Indicator 7x7 Wide Rocker

alf

13A (BS 1363 & SASO 2203)
13A (BS 5733 & IEC 62684)
13A (IEC 60884)

Power Socket Outlets plus USB Solutions

BS 5733 / IS 2268 & IS 302
IEC 62684 / BS5733 & IEC 62684



AN14



AN23



AN12



AN13



AB188



AN98



AB288

New

alf

British Standard

Power Socket Outlets plus USB Solutions

13A (BS 1363 & SASO 2203)
13A (BS 5733 & IEC 62684)
13A (IEC 60884)

AN14

1gang 13A Socket 7x7

AN23

13A 250V Double Pole
Switched Socket with
Indicator 7X7

AN12

13A 250V Double Pole
Switched Socket 7X7

AN13

13A 2gang Double Pole
Switched Socket 7x14

BS 5733 / IS 2268 & IS 302
IEC 62684 / BS5733 & IEC 62684

AB188

2.1A 5V DC 1gang USB
Charging Socket 7X7

AN98

13A 240V Power Socket
with 2 Port 2.1A 5V DC USB
Charging Socket 7X7

AB288

2x 2.1A 5V DC 2gang
USB Charging Socket 7X7

alf

Communication Socket Outlets

BS 5733
(where applicable)

TV/FM Outlets Satellite Outlets

BS 3041
(where applicable)



AB105



ABL237



AB20610A



AB106



ABL23708



AB210A



AB206



AB20607



AB110A



AB107



AB20637



AB109A



AB207

New



British Standard

Communication Socket Outlets

BS 5733 (where applicable)

AB105

1gang British Tele-
phone
Jack Master Socket
7x7

AB106

1gang American
Telephone Jack
Socket 7x7

AB206

2gang American
Telephone Jack
Socket 6C 7x7

AB107

1gang Data Socket
Cat 5 7x7

AB207

Data Socket Outlet
Cat 5 2 gang 7x7

ABL237

L Series 2gang
Data Socket
Cat 6 7x7

ABL23708

L Series 2gang Data
Socket Cat 6 +
Dummy Plt 7x7

AB20607

Data Socket Cat 5
+ American Telephone
Jack Socket 7x7

AB20637

2 gang Data Socket
Cat 6 + American
Telephone Jack 7x7

TV/FM Outlets Satellite Outlets

BS 3041 (where applicable)

AB20610A

2 gang Satellite
Socket + American
Telephone Jack 7x7

AB210A

Angular Satellite
Socket 2gang 7x7

AB110A

1gang Angular
Satellite Socket 7x7

AB109A

1gang Angular
TV Socket 7x7

Blank Plate Cord Grommet Card Switch

BS 5733 (where applicable)

Buzzer Musical Door Bell

IS 2268 & IS 302-2-203
(where applicable)

Lighting Control Dimmers

Dimmer (BSEN 60669-2-1)



AB108



AB141



AB131
AB132



AB112



ABL282



AB231
AB232



ABW156



ABL286

New

alf®

British Standard

Blank Plate Cord Grommet Card Switch

BS 5733 (where applicable)

AB108

1gang Blank Plug
Module 7x7

AB112

20A 1gang Cord
Grommet 7x7

ABW156

16A card switch 240
volt 7x7

Buzzer Musical Door Bell

IS 2268 & IS 302-2-203
(where applicable)

AB141

Buzzer 220V 1gang 7x7

ABL282

L Series 1gang Musical
Door Bell 7X7

Lighting Control Dimmers

Dimmer (BSEN 60669-2-1)

AB131

500W/220V
1 way Light Dimmer
Rotary Fused 7x7

AB132

500W/220V
2way Light Dimmer
Rotary Fused 7x7

AB231

2gang 1way
500W/220V Light Dimmer
Rotary Fused 7x7

AB232

2gang 2way
500W/220V Light Dimmer
Rotary Fused 7x7

ABL286

L Series 1gang
1way 1000W Light Dimmer
Rotary Fused 7x7

Color codes:

to order Beige color, just add the code **BG03** at the end of the item codes

Example:

alf 10A switch 1gang 1 way 7x7 white code: **AB101**

to order beige, the beige code: **AB101-BG03**

alf®

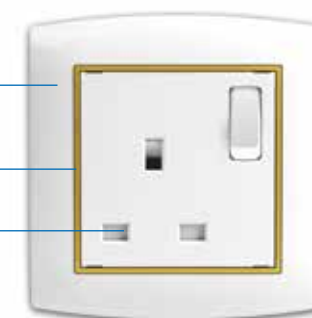
Omnia

British Standard

- As per British and SASO standards
- With Metal back plate
- 7 nice colours with black, golden and chrome ring
- A lot of advanced electronic products



Front lid removable,
plastic / metal material
electroplated,
spraypainted
moulded, dip coated
are available
Golden / Black
or Chrome ring
Auto screening shutter



Metal backplate
grid type

Housing made of engineering
thermo plastic material

The Omnia range from alfanar offers a
modern and stylish wide rocker solution
for villas

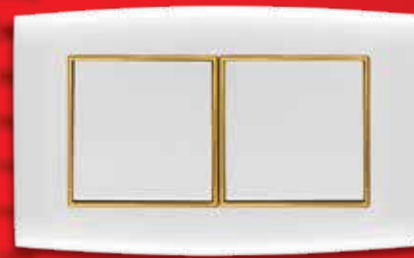


Lighting & Bell Switches

10A (BSEN 60669-1)



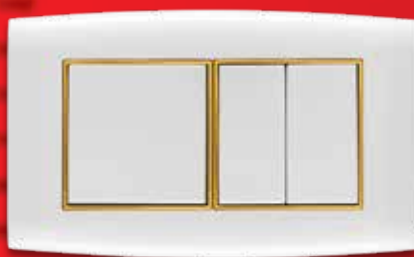
BW2M101
BW2M102



BW4M201
BW4M202



BW2M201
BW2M202



BW4M301
BW4M302



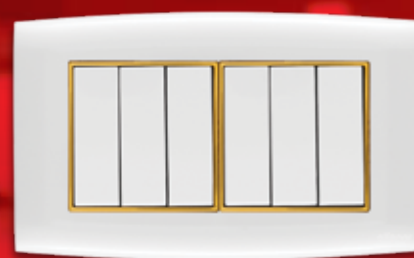
BW2M103



BW4M401
BW4M402



BW2N164



BW4N264

Omnia

British Standard

Lighting & Bell Switches

10A (BSEN 60669-1)

BW2M101

10AX 1W Switch 1 Gang,
7x7

BW2M102

10AX 2W Switch 1 Gang,
7x7

BW2M201

10AX 1W Switch 2 Gang,
7x7

BW2M202

10AX 2W Switch 2 Gang,
7x7

BW2M103

10A Bell Push 1 Gang, 7x7

BW2N164

10AX 2W Switch 3 Gang,
7x7

BW4M201

10AX 1W Switch 2 Gang,
7x14

BW4M202

10AX 2W Switch 2 Gang,
7x14

BW4M301

10AX 1W Switch 3 Gang,
7x14

BW4M302

10AX 2W Switch 3 Gang,
7x14

BW4M401

10AX 1W Switch 4 Gang,
7x14

BW4M402

10AX 2W Switch 4 Gang,
7x14

BW4N264

10AX 2W Switch 6 Gang,
7x14

Lighting, Water Heater & Air Conditioner Switches

20AMP (BSEN 60669-1)

45AMP (BSEN 60669-1)



BW2M104
BW2M801



BW2N181
BW2N180



BW2N117-G2



BW2M117
BW2M118



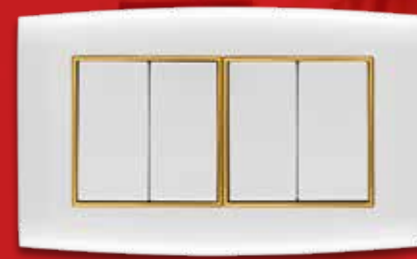
BW4M318



BW4N117-G2



BW2M217
BW2M218



BW4M418



BW4M217
BW4M218

Omnia

British Standard

Lighting, Water Heater Switches

20AMP (BSEN 60669-1)

BW2M104

20A DP Switch with indicator 1 Gang, 7x7

BW2M801

20A DP Switch with indicator & earthing 1 Gang, 7x7

BW2M117

20A Intermediate Switch 1 Gang, 7x7

BW2M118

20A 2W Switch 1 Gang, 7x7

BW2M217

20A Intermediate Switch 2 Gang, 7x7

BW2M218

20A 2W Switch 2 Gang, 7x7

BW4M217

20A Intermediate Switch 2 Gang, 7x14

BW4M218

20A 2W Switch 2 Gang, 7x14

BW2N181

10A Curtain Switch, 7x7

BW2N180

20A Curtain Switch, 7x7

BW4M318

20A 2W Switch 3 Gang 7x14

BW4M418

20A 2W Switch 4 Gang 7x14

Air Condition Switch

45AMP (BSEN 60669-1)

BW2N117-G2

45A DP A/C Switch with indicator 1 Gang, 7X7

BW4N117-G2

45A DP A/C Switch with indicator 1 Gang, 7X14

Lighting Control Dimmer

Blank Plates

(BS 5733 where applicable)
BS 60669-2



BW2M186



BW4M286



BW2M108



BW4M208

Card Switch Motion Sensor USB Outlets

BS 60669-2-1 / IEC 62684
(where applicable)



BW2N156-G2



BW2M284-G2

Omnia

British Standard

Lighting Control Dimmer

(BS 5733 where applicable)
BS 60669-2

BW2M186

1000W/240V or 500W/127V
Light Dimmer Rotary Type
1 Gang, 7X7

BW4M286

1000W/240V or 500W/127V
Light Dimmer Rotary Type
2 Gang, 7X14

Blank Plates

BW2M108

Blank Plate 1 Gang, 7x7

BW2M208

Blank Plate 2 Gang, 7x7

Card Switch

BS 60669-2 / IEC 62684
(where applicable)

BW2N156-G2

16A /250V Card Switch
w/ Time Delay 35 sec
1Gang, 7x7

USB Outlets

BW2M284-G2

2.1A 5V DC 2gang USB
Charging Socket 7X7

Power & Special Solutions

13AMP (BS 1363)
13AMP (SASO 2203)
13A (IEC 60884)

BS 1363 & IEC 62684
BS 5733 (where applicable)

15AMP (SASO 2204)



BW2N114-G2



BW2N198



BW2N166



BW4N214-G2



BW2N194



BW2M112



BW2N112



BW2N195



BW4N212

Omnia

British Standard

Power Socket Outlets

13AMP (BS 1363)
13AMP (SASO 2203)
13A (IEC 60884)

BS 1363 & IEC 62684
BS 5733 (where applicable)

15AMP (SASO 2204)

BW2N114-G2

13A Socket 1 Gang, 7X7

BW4N214-G2

13A Socket 2 Gang, 7X14

BW2N112

13A Double Pole Switched
Socket 1 Gang, 7X7

BW4N212

13A Double Pole Switched
Socket
2 Gang, 7X14

BW2N198

13A 240V Power Socket
with 2 Port 2.1A 5V DC USB
Charging Socket 7X7

BW2N194

13A Fused Switched
Connection Unit with
Flex-outlet and Indicator

BW2N195

13A Fused Switched
Connection Unit with
Flex-outlet

BW2N166

15A/127V SASO Socket
1 Gang, 7x7

BW2M112

20A Cord Grommet
1 Gang, 7x7

Special items for Export Power Socket Outlets

16AMP
(BS 5733 / IEC 60884 where applicable)

13AMP (BS 1363)
13A (IEC 60884)



BW2M116 *



BW2M216 *



BW2N168 *



BW4N268 *



BW2M121 *



BW4M221 *



BW2M126 *

Omnia

British Standard

Power Socket Outlets

16AMP (BS 5733 / IEC 60884
(where applicable)

13AMP (BS 1363)
13A (IEC 60884)

BW2M116

16A 2pin Universal Socket
1 Gang, 7x7

BW2M216

16A 2pin Universal Socket
2 Gang, 7x7

BW2N168

13A Single Pole Switched
Socket 1 Gang, 7X7

BW4N268

13A Single Pole Switched
Socket 2 Gang, 7X14

BW2M121

16A Schucko Socket
w/ Shutter 1 Gang, 7X7

BW4M221

16A Schucko Socket
w/ Shutter 2 Gang, 7X14

BW2N126

16A 3PIN Smart Universal
Socket w/ 110V/220V Indi-
cators 1 Gang, 7x7

Note:

(*) For Export

Media and Communication Socket Outlets

Communication Socket Outlets
(BS 5733 where applicable)

TV/FM Satellite Outlets
(BS 3041)



BW2M106



BW2M137



BW2M109



BW2M206



BW2M237



BW2M110



BW2M803



BW2M800

Omnia

British Standard

Communication Socket Outlets

Telephone & Data
(BS 5733 where applicable)

BW2M106

American Tel. Jack Socket
6P 6C 1 Gang, 7X7

BW2M206

American Tel. Jack Socket
6P 6C 2 Gang, 7X7

BW2M803

American Tel. Jack socket 6P6C
1 Gang + Data socket outlet
CAT6 1 Gang, 7X7

BW2M137

Data Socket Outlet
CAT.6 1 Gang, 7x7

BW2M237

Data Socket Outlet
CAT.6 2 Gang, 7x7

BW2M284

USB charger
2 Gang 7X7

TV/FM Satellite Outlets

Television &
Satellite (BS 3041)

BW2M109

75 Ohm TV Socket
1 Gang, 7X7

BW2M110

75 Ohm Satellite Socket
1 Gang, 7X7

BW2M800

75 Ohm TV Socket
1 Gang + 75 Ohm Satellite
Socket 1 Gang, 7X7

Omnia

British Standard

Ordering Tip for British Standard

To construct an Order Code, add the three digit Color Code to the Product Code.

Example 1:

BW2M101 is the product code for a 10A 1W switch 1 Gang, 7X7 and 001 is the color code for White Color with Golden Ring.

The order code will be: **BW2M101001**

Example 2:

BW2M109 is the product code for a 75 Ohm TV Socket 1 Gang, 7X7 and 206 is the color code for Red Color with Black Ring.

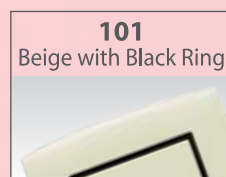
The order code will be: **BW2M109206**

(See Color Codes below)

White



Beige



Gold



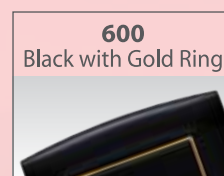
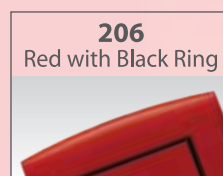
Copper



Silver



Red & Black



Omnia

Granada

British Standard

- As per British and SASO standards
- With Metal back plate
- White cover plate with circular rocker
- With chrome ring around the modules



Granada range from alfanar offers a modern circular rocker range



Front lid removable,
plastic moulded
material

Chrome ring around
each modules



Metal backplate
grid type

Housing made of engineering
thermo plastic material



Lighting & Bell Switches

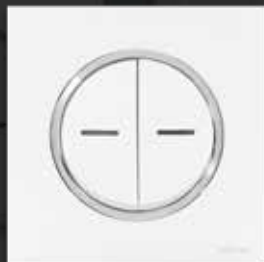
BS 60669 Part 1 1999 A2: 2008



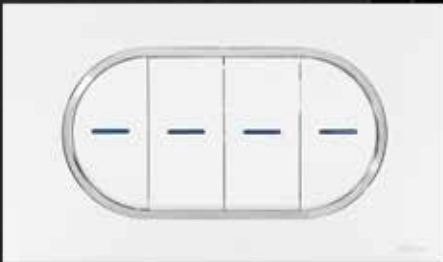
GB101
GB102



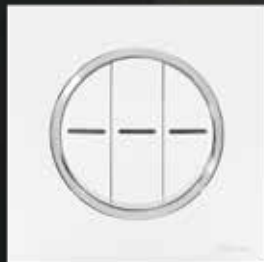
GB103



GB201
GB202



GB2401
GB2402



GB301
GB302

Granada

British Standard

Lighting & Bell Switches

BS 60669 Part 1 1999 A2: 2008

GB101
10AX Switch 1Gang
1Way, 7X7

GB102
10AX Switch 1Gang
2Way, 7X7

GB201
10AX Switch 2Gang
1Way, 7X7

GB202
10AX Switch 2Gang
2Way, 7X7

GB301
10AX Switch 3Gang
1Way, 7X7

GB302
10AX Switch 3Gang
2Way, 7X7

GB103
10A Bell Push 1Gang,
7x7

GB2401
10AX Switch 4Gang
1Way, 7X14

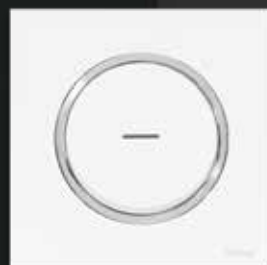
GB2402
10AX Switch 4Gang
2Way, 7X14

Lighting, Heater & Air Conditioner Switches

BS 60669 Part 1 1999 A2: 2008
45A - BS 60669

Lighting Control Dimmers

BS EN 60669-1:1999+A2:2008 &
BS EN 60669-2-1:2000



GB104



GB132



GB117
GB118



GB186



GN17



GN18

Granada

British Standard

Lighting, Heater & Air Conditioner Switches

BS 60669 Part 1 1999 A2: 2008

GB104

20A Switch 1Gang
DP with Indicator,
7X7

GB117

20A Intermediate
Switch 1Gang, 7X7

GB118

20A Switch 1Gang
2Way, 7X7

GN17

45A Switch 1Gang
with Indicator, 7X7

GN18

45A Switch 1Gang
with Indicator, 7X14

Lighting Control Dimmers

BS EN 60669-1:1999+A2:2008 &
BS EN 60669-2-1:2000

GB132

Light Dimmer 60-
500W 240V 2 Way
Push Type, 7X7

GB186

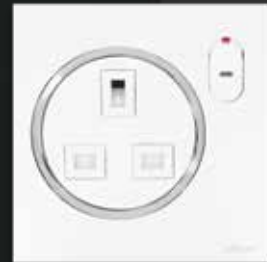
Light Dimmer 150-
1000W 240V 1Way
Rotary Type, 7X7

Power Socket Outlets

BS1363 for 13A
BS 546:1950 for 32A
13A (IEC 60884)

TV/FM Outlets Satellite Outlets

BS 5733 : 2010



GN12



GB109



GN13



GB110



GN52 *



GB20910

Granada

British Standard

Power Socket Outlets

BS1363 for 13A
BS 546:1950 for 32A
13A (IEC 60884)

GN12

13A Socket With
Switch 1G with
Indicator, 7X7

GN13

13A Socket with
Switch 2G, 7X14

GN52 *

Special A/C Socket
(32A) with Switch
and LED Indicator 1
Gang with 15Amp
Plug, 7X7

TV/FM Outlets Satellite Outlets

BS 5733 : 2010

GB109

75 Ohm Angular TV
Socket 1 Gang, 7x7

GB110

75 Ohm Angular
Satellite Socket
1 Gang, 7x7

GB20910

75 Ohm TV Socket
1 Gang + 75 Ohm
satellite socket
1 Gang, 7x7

Note:

(*) For Export

Media and Communication Socket Outlets

BS 5733 : 2010



GB119



GB21937



GB219



GB21910



GB137



GB237

Granada

British Standard

Communication Socket Outlets

BS 5733 : 2010

GB119

Telephone Jack 6P 4C
RJ11 (American Type)
1 Gang, 7x7

GB219

Telephone Jack 6P 4C
RJ11 (American Type)
2 Gang, 7x7

GB137

Data Socket Outlet
CAT 6 - RJ45, 1 Gang,
7x7

GB237

Data Socket Outlet
CAT 6 - RJ45, 2 Gang,
7x7

GB21937

Telephone Jack 6P 4C
RJ11 (American Type) +
Data Outlet Cat6 - RJ45,
2 Gang, 7x7

GB21910

Telephone Jack 6P 4C
RJ11 (American Type) +
75 Ohm Angular Satellite
Socket, 2 Gang, 7x7

Mira

British Standard

- As per British standard
- Modern sleek profile
- Economic range
- Free of choice between White & Beige color

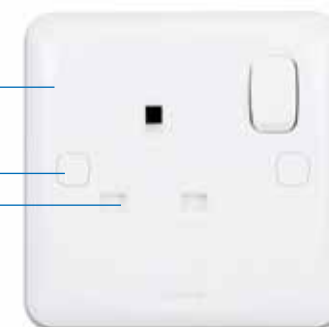


With one of the largest ranges of moulded accessories available our Mira wiring accessories offer the highest quality finish and durability



Elegantly shaped coverplate made of glossy polycarbonate

Screw cap to hide wall mounting screws
Auto screening shutter



Housing made of engineered thermo plastic material
Mounting screws neatly mounted at the back

Extra screw caps supplied at the back



Lighting & Bell Switches

10A (BSEN 60669-1)



MB101-G2
MB102-G2



MB201-G2
MB202-G2



MB301-G2
MB302-G2



MB401-G2
MB402-G2



MB103-G2



MB2301-G2
MB2302-G2



MB2401-G2
MB2402-G2



MB2601-G2
MB2602-G2



MB2801-G2
MB2802-G2

Mira

British Standard

Lighting & Bell Switches

10A (BSEN 60669-1)

MB101-G2

10AX 1W Switch 1Gang, 7x7

MB102-G2

10AX 2W Switch 1Gang, 7x7

MB201-G2

10AX 1W Switch 2Gang, 7x7

MB202-G2

10AX 2W Switch 2Gang, 7x7

MB301-G2

10AX 1W Switch 3Gang, 7x7

MB302-G2

10AX 2W Switch 3Gang, 7x7

MB401-G2

10AX 1W Switch 4Gang, 7x7

MB402-G2

10AX 2W Switch 4Gang, 7x7

MB103-G2

10A Bell Push 1Gang, 7x7

MB2301-G2

10AX 1W Switch 3Gang, 7x14

MB2302-G2

10AX 2W Switch 3Gang, 7x14

MB2401-G2

10AX 1W Switch 4Gang, 7x14

MB2402-G2

10AX 2W Switch 4Gang, 7x14

MB2601-G2

10AX 1W Switch 6Gang, 7x14

MB2602-G2

10AX 2W Switch 6Gang, 7x14

MB2801-G2

10AX 1W Switch 8Gang, 7x14

MB2802-G2

10AX 2W Switch 8Gang, 7x14

Lighting, Water Heater & Air Conditioner Switches

20A (BSEN 60669-1)

45A (BSEN 60669-1)

Lighting Control Dimmers

DIMMER (BS 60669-2)



MB104
MB118
MB117



MB104 - PRO1



MB20412



MB243
MB218
MB217



MN17-G2



MN17-G2-PR02



MN18-G2



MB131-G2



MB132-G2



MB186

Mira

British Standard

Lighting, Water Heater & Air Conditioner Switches

20A (BSEN 60669-1)

45A (BSEN 60669-1)

MB104

20A 1W Switch 1Gang
w/ indicator, 7x7

MB118

20A 2W Switch 1Gang, 7x7

MB117

20A Intermediate Switch
1Gang, 7x7

MB104 - PRO1

20A DP Switch w/ Led &
Marked "Water Heater"
1Gang, 7x7

MB20412

20A Switch DP SWITCH
w/ Led + 20A Cord Grom-
met 1Gang, 7x7

MB243

20A 1W Switch 2Gang, 7x7

MB218

20A 2W Switch 2Gang, 7x7

MB217

20A Intermediate Switch
2Gang, 7x7

MN17-G2

45A Double Pole AC Switch
with indicator 1 Gang 7x7

MN17-G2-PR02

45A Double Pole AC Switch
with indicator and Marked
"Air Conditioner" 1 Gang
7x7

MN18-G2

45A Double Pole AC Switch
with indicator 1 Gang 7x14

Lighting Control Dimmers

DIMMER (BS 60669-2)

MB131-G2

250W - 127V
Dimmer Push Type 1W
1Gang, 7x7

MB132_G2

500W - 240V
Dimmer Push Type 1W
1Gang, 7x7

MB186

1000W - 240V Dimmer Push
On Type 1W 1Gang, 7x7

Power Socket Outlets

13A (BS 1363)
13A (SASO 2203)
15A (BS 546)
15A (SASO 2204)
13A (IEC 60884)

16A (BS 5733 / IEC 60884
where applicable)



MN12-G2



MBL221 *



MN13-G2



MN10 *



MN216 *



MB216 *



MN52 *



MN66



MN11 *

Mira

British Standard

Power Socket Outlets

13A (BS 1363) / 13A SASO 2203)
15A (546) / 15A (SASO 2204)
13A (IEC 60884)

MN12-G2

13A DP Switched Socket
1Gang, 7x7

MN13-G2

13A Dp Switched Socket
2Gang, 7x14

MN52*

15A DP Switched Socket
with indicator 1Gang, 7x7
Plus 15A Rounded 3 Pin Plug
Top

MN66

15A/127V socket 1Gang,
7x7

16A (BS 5733 / IEC 60884
(where applicable)

MBL221*

16A Schuko Socket
1Gang, 7x7

MN10*

16A 3 Pin Universal Socket,
1Gang, 7x7

MN216*

16A Horizontal 2 Pin Univer-
sal Socket 2Gang, 7x7

MB216*

16A Vertical 2 Pin Universal
Socket 2Gang, 7x7

MN11*

16A 3 Pin Universal Socket
2Gang, 7x14

Note:

(*) For Export

Media and Communication Socket Outlets

Television & Satellite
(BS 3041)



MB109A



MB20910A



MB110A



MB21909A



MB210A



MB21910A

Mira

British Standard

Media and Communication Socket Outlets

Television & Satellite
(BS 3041)

MB109A

75 Ohm Angular Tv Socket
1Gang, 7x7

MB110A

75 Ohm Angular Satellite
Socket 1Gang, 7x7

MB210A

75 Ohm Angular Satellite
Socket 2Gang, 7x7

MB20910A

75 Ohm Angular Tv & Satellite
Socket
2Gang, 7x7

MB21909A

American Tel Socket 6p 4c + 75
Ohm Angular Tv Socket 2Gang,
7x7

MB21910A

American Tel Socket
6p 4c + 75 Ohm Angular Satel-
lite Socket 2Gang, 7x7

Media and Communication Socket Outlets

Telephone & Data
(BS 5733 where applicable)



MB119



MB137



MB144



MB21937



MB106



MB219



MB206



MN08

Mira

British Standard

Media and Communication Socket Outlets

Telephone & Data
(BS 5733 where applicable)

MB119
American Tel Socket 6p 4c
1Gang, 7x7

MB144
American Tel Socket 6p 2c
1Gang, 7x7

MB106
1 gang american tele-
phone jack 6c 7x7

MB206
2 gang american tele-
phone jack 6c 7x7

MB137
Data Socket Outlet Cat6
1Gang, 7x7

MB21937
American Tel Socket 6p 4c
+ Data Socket Outlet Cat6
2Gang, 7x7

MB219
American Tel Socket 6p 4c
2Gang, 7x7

MN08
1 gang blank plate
non-module 7x7

Color codes:
to order Beige color, just add the code **BG03** at the end of the item codes

Example:
Mira 10A switch 1gang 1 way 7x7 white code: **MB101-G2**
to order beige, the beige code: **MB101-G2-BG03**

Sidra

British Standard

- As per British standard
- Mid-size rocker with smiley face cover plate
- Economic range



The Sidra screw less range enhances the quality of the already popular flat plate range



Lighting & Bell Switches

10A (BSEN 60669-1)

Lighting Control Dimmer

Dimmer (BSEN 60669-2)



SB101
SB102



SB103



SB232



SB201
SB202



SB2401
SB2402



SB386



SB301
SB302



SB2601
SB2602

Sidra

British Standard

Lighting & Bell Switches

10A (BSEN 60669-1)

SB101

10AX 1W Switch 1Gang, 7x7

SB102

10AX 2W Switch 1Gang, 7x7

SB201

10AX 1W Switch 2Gang, 7x7

SB202

10AX 2W Switch 2Gang, 7x7

SB301

10AX 1W Switch 3Gang, 7x7

SB302

10AX 2W Switch 3Gang, 7x7

SB103

10A Bell Push 1Gang, 7x7

SB2401

10AX 1W Switch 4Gang,
7x14

SB2402

10AX 2W Switch 4Gang,
7x14

SB2601

10AX 1W Switch 6Gang,
7x14

SB2602

10AX 2W Switch 6Gang,
7x14

Lighting Control Dimmer

Dimmer (BSEN 60669-2)

SB232

500W /240V Light Dimmer
Push Type, 1Gang , 7x7

SB386

1000W / 240V
Light Dimmer 1W Rotary
Type, 1Gang, 7x7

Lighting, Water Heater & Air Conditioner Switches

20A (BSEN 60669-1)

45A (BSEN 60669-1)



SB117
SB118



SN17



SB104



SN18

Sidra

British Standard

Lighting, Water Heater & Air Conditioner Switches

20A (BSEN 60669-1)

45A (BSEN 60669-1)

SB 117

20A Intermediate Switch
1Gang, 7x7

SB 118

20A 2W Switch 1Gang, 7x7

SB 104

20A DP Switch with
indicator 1Gang, 7x7

SN 17

45A Double Pole AC Switch
with indicator 1 Gang 7x7

SN 18

45A Double Pole AC Switch
with indicator 1 Gang 7x14

Power Socket Outlets

13A (BS 1363)
13A (SASO 2203)
13A (IEC 60884)

16A (BS 5733 / IEC 60884 where
applicable)

15A (BS 546)
15A (SASO 2204)



SN12



SN10 *



SN66



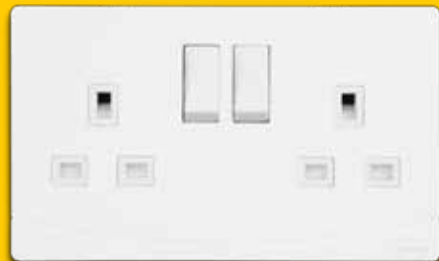
SN23



SB216 *



SN15 *
SN69



SN13



SN14



SN35 *

Sidra

British Standard

Power Socket Outlets

13A (BS 1363)
13A (SASO 2203)
13A (IEC 60884)

SN12

13A / 220V SASO DP
Switched Socket 1Gang,
7X7

SN23

13A / 220V SASO DP
Switched Socket W/LED
1Gang, 7X7

SN13

13A / 220V SASO DP
Switched Socket
2Gang, 7X14

SN14

13A/220V Socket 1 Gang,
7x7

16A (BS 5733 /
IEC 60884
where applicable)

SN10*

16A 3PIN Universal
Socket
1Gang, 7x7

SB216*

16A 2PIN Socket
1Gang, 7x7

15A (BS 546)
15A (SASO 2204)

SN66

15A / 127V SASO Scket
1Gang, 7x7

SN15*

15A DP Switched
Socket
1Gang, 7x7

SN69

15A SP Switched Socket
1Gang, 7x7

SN35*

15A Special A/C DP
Switched Socket W/LED
Tested to 32A 1Gang,
7x7

Note:

(*) For Export

Media & Communication Socket Outlets

Telephone & Data
(BS 5733 where applicable)

Television & Satellite
(BS 3041)



SB106
SB119



SB237



SB109



SB137



SB20637



SB110



SB206
SB219



SB3100837



SB20910

Sidra

British Standard

Media & Communication Socket Outlets

Telephone & Data
(BS 5733 where applicable)

Television & Satellite
(BS 3041)

SB106

American Tel. Jack
Socket 6P 6C
1Gang, 7X7

SB119

American Tel. Jack
Socket 6P 4C
1Gang, 7X7

SB137

Data Socket Outlet
CAT.6 1Gang, 7x7

SB206

American Tel. Jack
Socket 6P 6C
2Gang, 7X7

SB219

American Tel. Jack
Socket 6P 4C
2Gang, 7X7

SB237

Data Socket Outlet
CAT.6 2Gang, 7x7

SB20637

American Tel. Jack
Socket 6P 6C
1Gang + Data
Socket Outlet
CAT.6 1Gang, 7x7

SB3100837

75 Ohm SATELLITE SOCKET
1Gang + DATA SOCKET
Outlet CAT.6 1Gang 7x7

SB109

75 Ohm TV Socket
1Gang, 7X7

SB110

75 Ohm Satellite Socket
1Gang, 7X7

SB20910

75 Ohm TV Socket
1Gang, 7X7
+75 Ohm Satellite Socket
1Gang, 7X7

Supplementary Accessories

BS 5733 where applicable
BS 1363 (Plug Top)



SB112



SN08



SN94



SN34



SN95

Sidra

British Standard

Supplementary Accessories

BS 5733 where applicable
BS 1363 (Plug Top)

SB112

20A Cord Grommet
Double Pole, 7x7

SN94

13A Fused Switched
Connection Unit with
Flex-outlet and Indicator

SN95

13A Fused Switched
Connection Unit with
Flex-outlet

SN08

Blank Plate 1 Gang, 7x7

SN34

13A 3 Rectangular
Pins Plug Top
With 13A Fuse



With elegant curved edges, the alf range from alfanar offers a modern and stylish Euro standard solution for the home or office



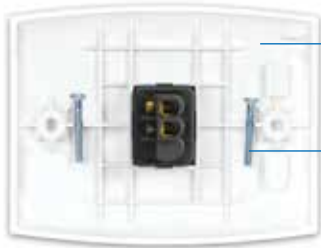
European Standard

- As per Euro standards
- Modern sleek profile
- Free of choice between White & Beige color



Screw cap to hide wall mounting screws

Elegantly shaped coverplate made of engineering thermo plastic material with high glossy finish



Housing made of engineering thermo plastic material

Mounting screws securely mounted at the back



Lighting & Bell Switches

10A (IEC 60669-1)



E101
E102



E103



E201
E202



E301-G2
E302-G2



E401
E402



European Standard

Lighting & Bell Switches

10A (IEC 60669-1)

E101

10AX 1W Switch 1 Gang

E102

10AX 2W Switch 1 Gang

E201

10AX 1W Switch 2 Gang

E202

10AX 2W Switch 2 Gang

E301-G2

10AX 1W Switch 3 Gang

E302-G2

10AX 2W Switch 3 Gang

E401

10AX 1W Switch 4 Gang

E402

10AX 2W Switch 4 Gang

E103

10A with Bell push switch
1 Gang

Water Heater & Air Conditioner Switches

20A (IEC 60669-1)

45A (IEC 60669-1)



E117-G2
E118-G2



E217-G2
E218-G2



E104-G2



E104-G2-PRO1



EN17



EN17-PRO2



European Standard

Water Heater & Air Conditioner Switches

20A (IEC 60669-1)

45A (IEC 60669-1)

E117-G2

20A Intermediate 1 Gang

E118-G2

20A 2W 1 Gang

E217-G2

20A intermediate 2 Gang

E218-G2

20A 2W 2 Gang

E104-G2

20A Double Pole Switch
with indicator 1 Gang

E104-G2-PRO1

20A Double Pole Switch
with indicator and marked
"Water Heater" 1 Gang

EN17

45A Double Pole Switch
with Indicator 1 Gang

EN17-PRO2

45A Double Pole Switch
with Indicator and Marked
"Air Conditioner" 1 Gang

Lighting Control Dimmer

IEC 60669-2



E131-G3
E132-G3



EL186



EL226-G2

Buzzer Fuse Unit

IEC 60884



E140
E141



E142



European Standard

Lighting Control Dimmers

DIMMER IEC 60669-2

E131-G3

60-500W 200-240V 40-250W
110-127V 1W rotary Dimmer
1 Gang

E132-G3

60-500W 200-240V 40-250W
110-127V 2W Push 1 Gang

EL186

1000W 240V 1W Rotary
Dimmer 1 Gang

EL226-G2

1000W 240V 2W Rotary
Dimmer 1 Gang

Buzzer Fuse Unit

IEC 60884

E140

Buzzer 110V (30)VA 1 Gang

E141

Buzzer 230V (15) VA 1 Gang

E142

Fuse unit 13A 250V 1 Gang

Power Socket Outlets Cable Outlet Blank Plate

16A IEC 60884 where applicable
13A (BS 5733)



EN10 *



EW2N114



EN11 *



E112



E115 *
E116 *



E108



EL221 *
EL222 *



European Standard

Power Socket Outlets

16A IEC 60884 where applicable

EN10*

16A 1 Gang Universal Socket

EN11*

16A 2 Gang Universal Socket

E115*

10A 1 Gang 2 Pin Socket

E116*

16A 1 Gang 2 Pin Socket

EL221*

16A 1 Schuko Socket with
Shutter

EL222

16A 1 Schuko Socket without
Shutter

Cable Outlet

13A (BS 5733)

EW2N114

13A 1 gang socket

E112

20A Cord Grommet 1 Gang

E108

Blank Plate 1 Gang

Note:

(*) For Export

Media Socket Outlets

IEC 60169
where applicable



E109A



E209A



E110A



E210A

Communication Socket Outlets

IEC 60169 where applicable



E106/E119



E107



EL137



EL237



European Standard

Media Socket Outlets

IEC 60169 where applicable

E109A

75 Ohm Angular TV Socket
1 Gang

E209A

75 Ohm Angular TV Socket
2 Gang

E110A

75 Ohm Angular Satellite
Socket 1 Gang

E210A

75 Ohm Angular Satellite
Socket 2 Gang

Communication Socket Outlets

IEC 60169 where applicable

E106

Telephone Jack 6P 6C RJ11
(American Type) 1 Gang

E119

Telephone Jack 6P 4C RJ11
(American Type) 1 Gang

E107

Data Socket Outlet CAT 5 - RJ45
1 Gang

EL137

Data Socket Outlet CAT 6 RJ45
1 Gang

EL237

Data Socket Outlet CAT 6 - RJ45
2 Gang

Color codes:

to order Beige color, just add the code **BG03** at the end of the item codes

Example:

alf 10A switch 1gang 1 way 7x7 white code: **E101**

to order beige, the beige code: **E101-BG03**



The Omnia range from alfanar offers a modern and stylish wide rocker grid solution for villas

Omnia

European Standard

- As per Euro standards
- With very strong plastic back plate
- 7 nice colours with black or golden ring



Front lid removable, plastic / electroplated, spraypainted, moulded are available

Golden or Black ring



Plastic backplate grid type

Housing made of engineering thermo plastic material



Lighting, Bell & Curtain Switch Modules

10A (BSEN 60669-1)

Lighting, Water Heater & AC Switch Modules

20A / 45A(BSEN 60669)



WM101

WM201



WM102

WM202



WM103

WM203



WN 80 / WN 81



WM117

WM217



WM118

WM218



WM104



WN17-G2

Omnia

European Standard

Lighting, Bell & Curtain Switch Modules

10A(BSEN 60669-1)

WM101

10A 1Way Switch, 50mm*

WM201

10A 1Way Switch, 25mm*

WM102

10A 2Way Switch, 50mm*

WM202

10A 2Way Switch, 25mm*

WM103

10A Bell Push Switch, 50mm*

WM203

10A Bell Push Switch, 25mm*

WN81

10A Curtain Switch, 25mm*

WN80

20A Curtain Switch, 25mm*

Lighting, Water Heater & AC Switch Modules

20A / 45A (BSEN 60669)

WM117

20A Intermediate Switch, 50mm*

WM217

20A Intermediate Switch, 25mm*

WM118

20A 2Way Switch, 50mm*

WM218

20A 2Way Switch, 25mm*

WM104

20A DP Switch with indicator, 50mm*

WN17-G2

45A DP Switch, 50mm*

Note:

(*) Module Size

Power Outlet Modules

16A (BS5733 / IEC 60884 where applicable)
13A (BS 1363)

Lighting Control Dimmer

Dimmer (BS 60669-2)

Omnia

European Standard

Power Outlet Modules

16AMP (BS5733 / IEC 60884 where applicable)
13AMP (BS 1363)

WM116*

16A 2Pin Universal Socket,
50mm*

WM216*

16A 2Pin Universal Socket,
25mm*

WM121*

16A Schucko Socket with
Shutter, 50mm*

WN14

13A Socket with Shutter,
50mm*

Lighting Control Dimmer

Dimmer (BS 60669-2)

WM186

1000/240V 1Way
Rotary Dimmer 50mm*

Note:

(*) For Export

Note:

(*) Module Size

Communication & Media Outlet Modules

Telephone & Data (BS 5733 where applicable)
Television & Satellite (BS 3041)

Cover Plates & Blank Plate Modules

Blank Plate (BS 5733 where applicable)



WM106

WM206



EW2



WM137

WM237



EW3



WM109

WM209



WM108

WM208



WM110

WM210

Omnia

European Standard

Communication & Media Outlet Modules

Telephone & Data (BS 5733 where applicable)
Television & Satellite (BS 3041)

WM106

American Tel. Jack 6P 6C,
50mm*

WM206

American Tel. Jack 6P 6C,
25mm*

WM137

Data Socket Outlet CAT6,
RJ45, 50mm*

WM237

Data Socket Outlet CAT6,
RJ45, 25mm*

WM109

75 Ohm Angular TV Socket,
50mm*

WM209

75 Ohm Angular TV Socket,
25mm*

WM110

75 Ohm Angular Sattelite
Socket, 50mm*

WM210

75 Ohm Angular Sattelite
Socket, 25mm*

Note:

(*) Module Size

Cover Plates & Blank Plate Modules

Blank Plate (BS 5733 where applicable)

EW2

50mm* Coverplate

EW3

75mm* Coverplate

WM108

Blank Plate, 50mm*

WM208

Blank Plate, 25mm*

Omnia

European Standard

Ordering Tip for European Standard

To construct an Order Code, add the three digit Color Code to the Product Code.

Example 1:

WM101 is the product code for a 10A 1Way switch, 50mm and 001 is the color code for White Color with Golden Ring.

The order code will be: **WM101001**

Example 2:

EW3 is the product code for a 75mm cover plate and 206 is the color code for Red Color with Black Ring.

The order code will be: **EW3206**

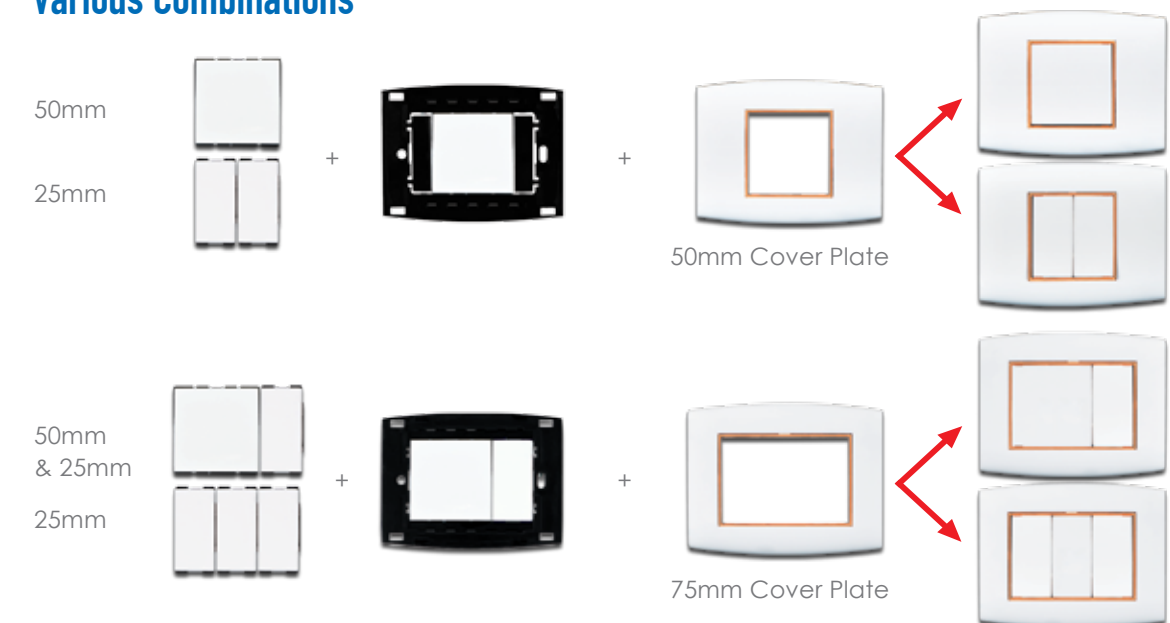
(See Color Codes below)



Omnia

European Standard

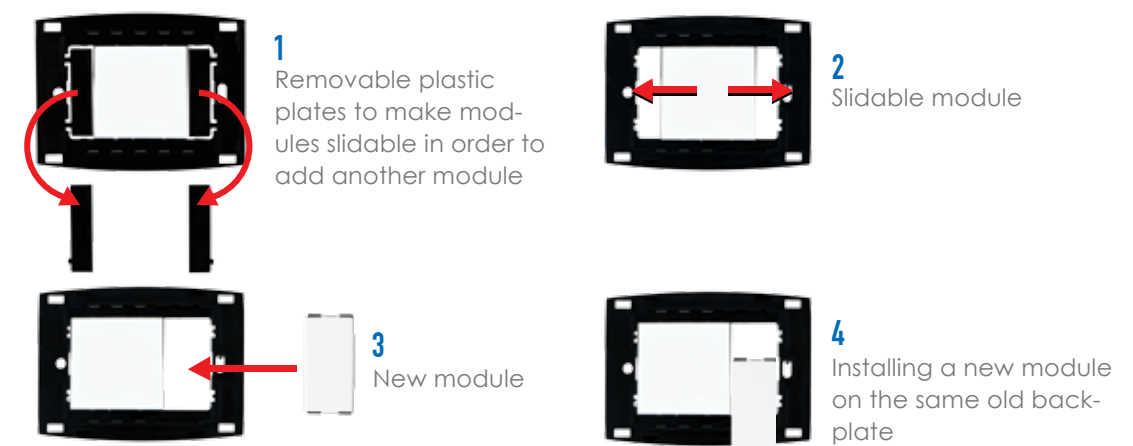
Various Combinations



Assembly



Adding New Modules



Supplementary Accessories

Extension Sockets

SASO 2815/ BS 1363/A



CE083M2U11



CE043M2U01



CE043M0U003

Plug Tops

BS 546/ BS 1363



N42 *



N34



SN 34

NEMA WD 6/UL 498



N72



N74 *



N73 *

Pattress

BSEN 5733 / 4662



N58



N57

Supplementary Accessories

Extension Sockets

SASO 2815/ BS 1363/A

CE043M2U01

13A Cord Extension Socket 4G with 3meter cable, Indicator and 2Gang USB Socket

CE043M0U03

13A Cord Extension Socket 4G with 3meter cable and Indicator

CE083M2U11

Tower socket 13A Cord Extension Socket 8 Gang with 3 Meter Cable, Indicator and 2Gang USB Socket

Plug Tops

BS546 / BS1363

N42*

15A 3 Rounded pins plug top Tested to 32A

N34 / SN34

13A 3 Rectangular pins plug top with 13A fuse and transparent base (BS 1363)

N72

NEMA Plug 15A 125V

N73*

NEMA Plug 15A 250V

N74*

NEMA Plug 20A 250V

Pattress

BSEN 5733 / 4662

N58

Surface Mounting Switch & Socket Plastic Box, 7x7

N57

Surface Mounting Switch & Socket Plastic Box, 7x14

Note:

(*) For Export

Supplementary Accessories



N19



N51



BW2N194



B142



N53



BW2N195

Weatherproof Isolator IP66

BS EN / IEC 60947-3



N102
N106

Weatherproof Enclosures IP56

IEC 60529



N39



N40

Floor Mounted Box



N54

Supplementary Accessories

BS 5733 (where applicable)

N19
45A Connection Unit
7x7

B142
Fuse unit 13A 250V
1 Gang, 7x7

N51
13A 240V RCD Double pole
Switched Socket "30mA tripping
current" 2Gang, 7x14

N53
Shaver Socket Dual Voltage
115/230V, 7x14

BW2N194
13A Fused Switched
Connection Unit with
Flex-outlet and Indicator

BW2N195
13A Fused Switched
Connection Unit with
Flex-outlet

Weatherproof
Isolator IP66

N102
alf isolator 2 Poles 32A 240V AC
IP66

N106
alf isolator 4 Poles 63A 415V AC
IP66

Weatherproof
Enclosures IP56

N39
IP56 weatherproof socket
enclosure

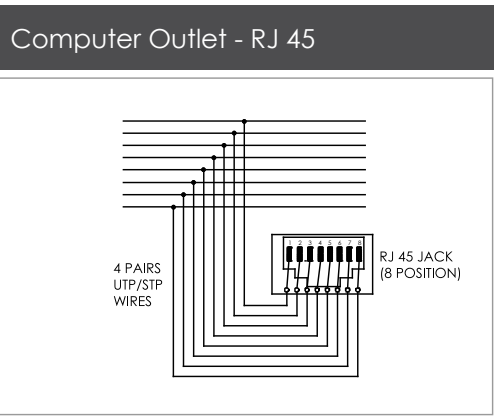
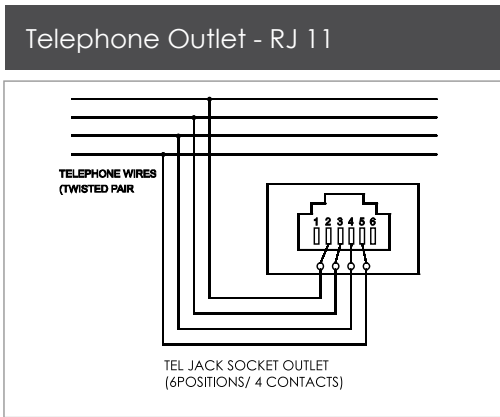
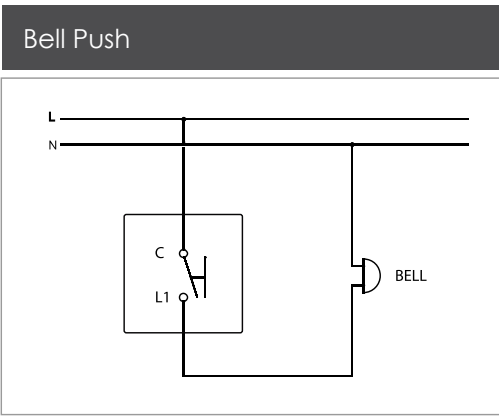
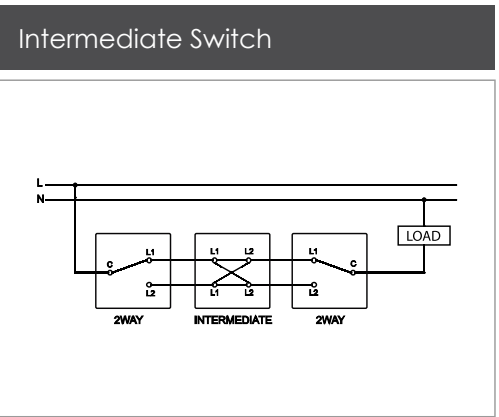
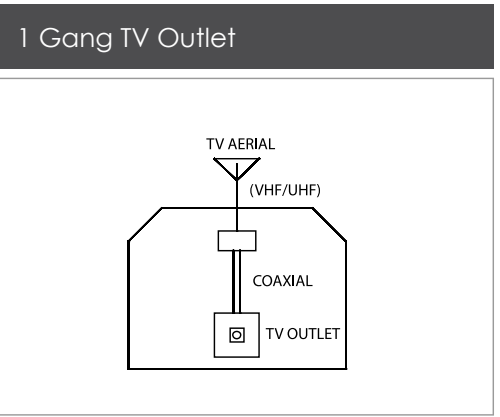
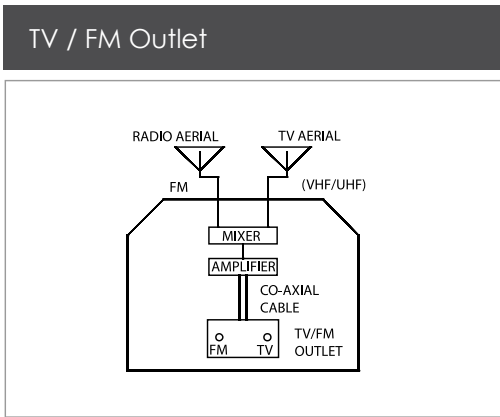
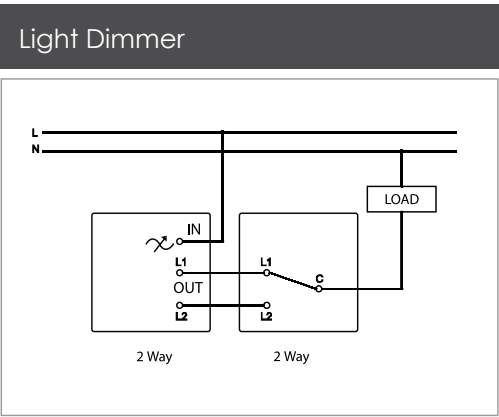
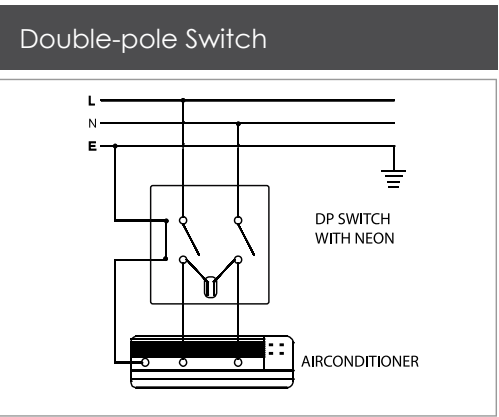
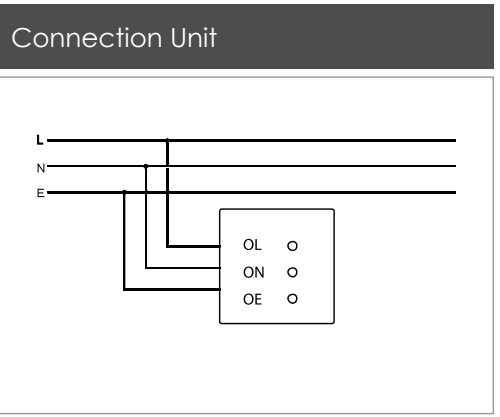
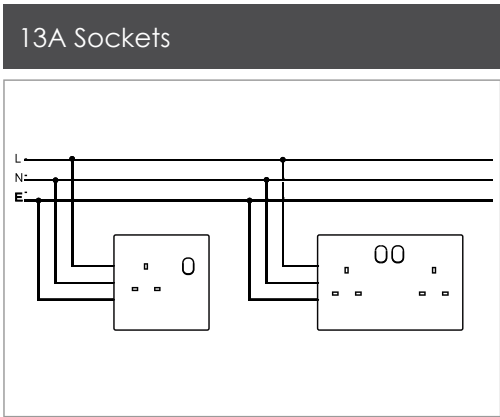
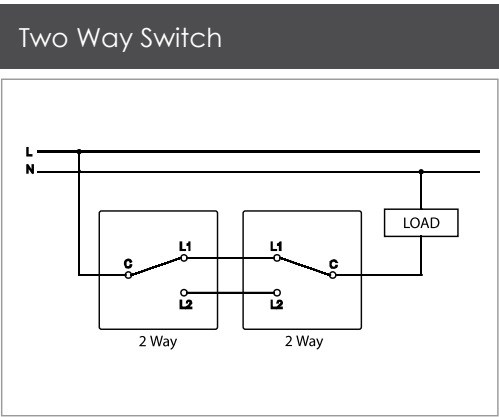
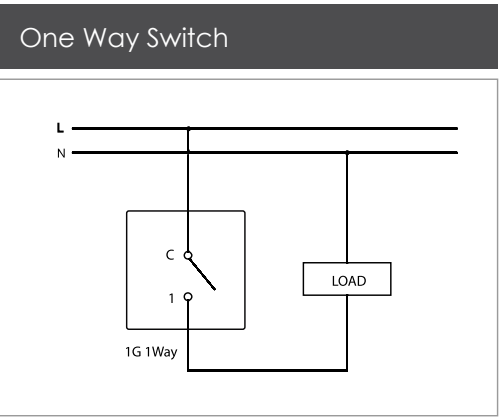
N40
IP56 weatherproof switch
enclosure

Floor Mounted Box

N54
Floor Mounted Box
with 3 7x14 slots

Note:
(*) For Export

Wiring Diagrams



Technical Informations

General Instructions for Dimmer

Make sure that the load being connected to the dimmer switch should not exceed the wattage marked on the dimmer.

Derating for Halogen Lamps

If the dimmer is to be connected to Halogen lamp load then it is necessary to derate the dimmer to 75% of its rated capacity . See below details in 127V and 240V application.

DERATED WATTAGE FOR HALOGEN LOADS		
Dimmer	240V	127V
500W	375V	180V
1000W	750V	375V

This dimmer may be used on a supply voltage marked on dimmer. If the dimmer switch is connected to lower voltage (for example from 240V to 127V AC) the dimmer must be derated by 50% (500W load to be derated to 250W).

Recommendation for Incandescent Bulbs

BULBS						
240V Dimmer	25W	40W	60W	100W	150W	200W
250W	10	6	4	2	1	1
500W	20	12	8	5	3	2
1000W	40	25	16	10	6	5

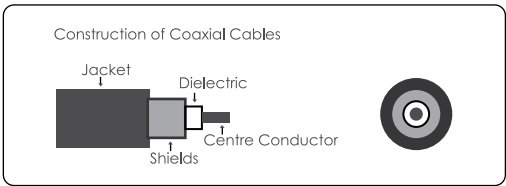
Inbuilt Fuse

alfanar dimmer has an inbuilt fuse to limit overload. If the dimmer is being overloaded, has more items than its rated wattage the fuse will blow to prevent any damage. The damaged fuse can be replaced with spare fuse supplied along with the dimmer.

Technical Informations

Coaxial Cables

Coaxial cable (or "coax") is the most common cable used for transmitting video signals. The name "coaxial" refers to the common axis of the two conductors.



Construction:
A coaxial cable has a solid copper-clad-steel centre conductor surrounded by a non-conductive dielectric insulating material. The dielectric is surrounded by foil shield/s and/or copper braid/s which form the outer conductor and also shield against electromagnetic interference(EMI). The outer conductor/shield is incased in a PVC jacket.

Most coaxial cables for video applications have a nominal impedance of 75 ohms. Their differing electrical and physical characteristics make it important to select the correct type of cable to suit the application.

Types of Coaxial Cables

Coaxial cables that conform to U.S. Government specifications are identified with an RG designation. The meaning of the individual components of the designation is:

- R.....Radio Frequency
- G.....Government
- 8.....Government-assigned approval number
- /U.....Universal specification

If the letters A, B or C appear before the slash (/), it indicates a specification-modification or revision.

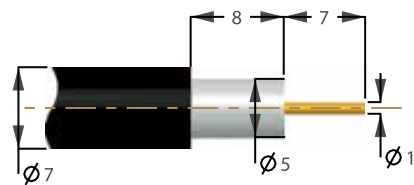
As an example, RG 8/U is superseded by RG 8A/U.
The three most commonly used coaxial cable types for video applications are RG59/U, RG6/U and RG11/U.

Coaxial Cable Installation

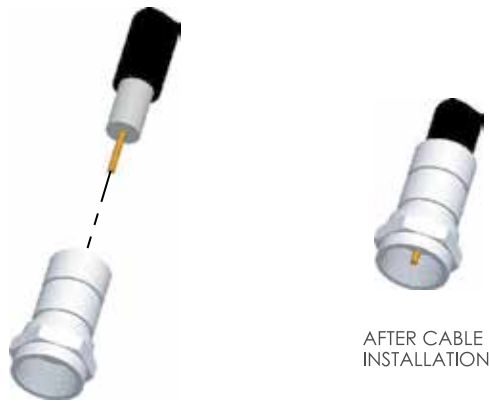
Strip the cable as follows

Install the cable inside the F-connector

CABLE DETAILS



The dimensions are in mm.

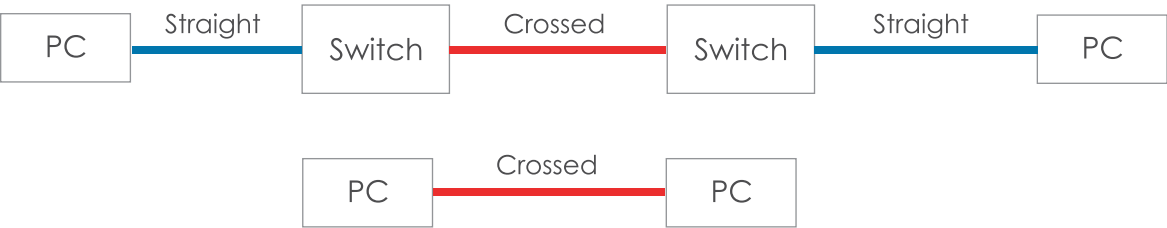


Technical Informations

Network Connection

LAN Network Connections

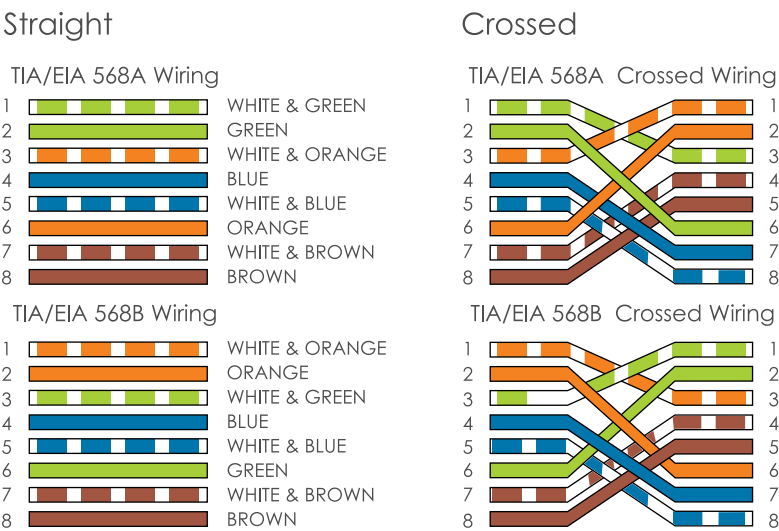
The following diagram shows the Normal use of Crossed and Straight cables (see also the notes below).



Notes: We show Straight cables as **BLUE** and Crossed as **RED**.

TYPE A & B IN NETWORK CONNECTIONS (STRAIGHT & CROSSED)

The following pictures show the normal colour coding for category 5 (e) & 6 cables based on the two standards supported by TIA/EIA, and shows the wiring at both ends (male RJ45 connectors) of the straight & crossed cables.



RJ45Male Connector



Top View



Front View

Technical Informations

First number (protection against solid objects)	Definition	Second number (protection against liquid)	Definition
0	No protection	0	No protection
1	Protected against solid objects over 50mm (e.g. Accidental touch by hands)	1	Protected against vertically falling drops of water
2	Protected against solid objects over 12.5mm (e.g. fingers)	2	Protected against direct sprays up to 15° from the vertical
3	Protected against solid objects over 2.5mm (e.g. tools and wires)	3	Protected against direct sprays up to 60° from the vertical
4	Protected against solid objects over 1mm (e.g. tools, wires and small wires)	4	Protected against sprays from all direction - limited ingress permitted
5	Protected against dust - limited ingress (no harmful deposit)	5	Protected against low pressure jets of water from all direction - limited ingress permitted
6	Totally protected against dust	6	Protected against strong jets of water e.g. for use on shipdocks - limited ingress permitted
		7	Protected against effects of temporary immersion between 15cm and 1m. Duration of best 30 minutes
		8	Protected against long periods of immersion under pressure

Anti-Bacterial Switches & Sockets



- Available upon request for **alf** & Sidra ranges
- Anti-bacterial Switches & sockets don't allow bacteria to spread and to live
- Prevents infection between people
- Suitable for healthful applications
(hospitals, healthy centers, etc.)

Paint Guard



This plastic guard protects the accessories while painting the wall.

Easy Installation



Specially designed angular termination allows easy accessibility by a screw driver even on a 4 gang switch.

Futuristic Shape

Aesthetically pleasing shapes incorporate continuous curves to convey warmth and positive energy.



Superior Quality

Product made of engineering thermoplastic that is robust, impact resistant, flame retardant and build to last.

Room for error

Any misalignment of the switchbox on the wall can be corrected because of an elongated fixing hole on the cover plate.

Revolutionary technology



The terminals are constructed as single pieces without joints or rivets thanks to revolutionary sheet metal technology. This accommodates more wires than conventional brass turned terminals.

Silver alloy contacts



Switching contact are made of Silver alloy to withstand resistive and inductive loads, ensuring excellent performance throughout its life.

Smart



The rocker design has been ergonomically sized and shaped only after receiving inputs from prestigious consultants and hundreds of actual users.

Durable

alf products are type tested to relevant IEC and BS standards to offer a minimum lifespan of 25 years.

Applicable Standards



All products are applicable to meet or exceed the requirements of the national & international Standards

New components

New high quality raw material is used to give better performance.

Weatherproof solutions

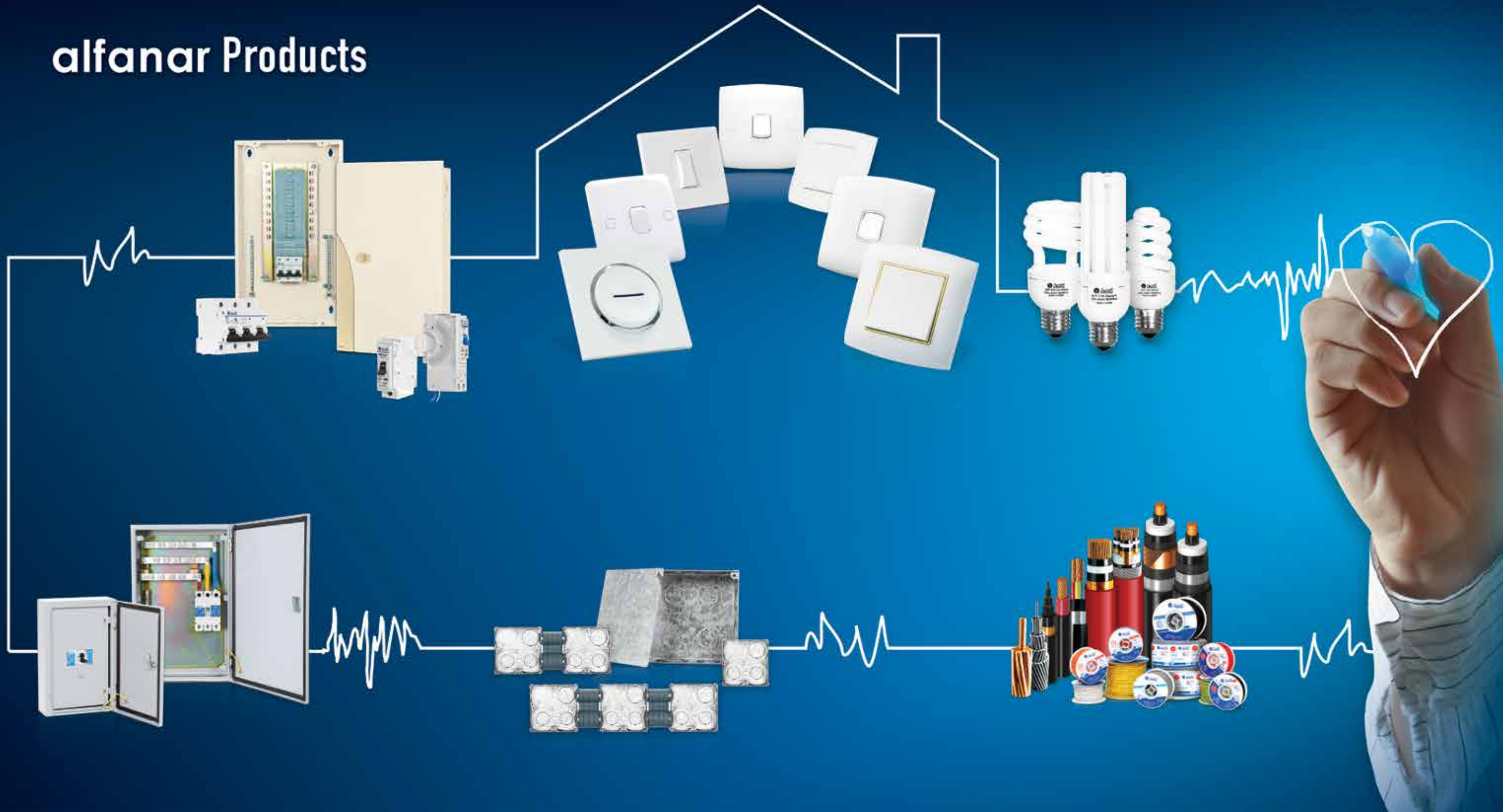


Protect yourself and your family with using weatherproof Products when installing switches & sockets outside.

Continuous Customer Supporting

Available at critical cases
Quick maintenance services
Counseling and inquiries
Free inspection and checking service

alfanar Products



Toll free within K.S.A. : **800-124-1333**
Overseas : **+966-11-494-5404**
www.alfanar.com



Version: 49100 June 2017

