



Features:

- 13 Amp 1 gang switched socket.

Specifications:

Current rating : 13A, 250V

Surge Protection Data

Voltage : 250V

Maximum current : 13A

Standard

BSEN 60669

Conditions for Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packaging). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

Item	Conditions	Requirements
Appearance	-	No defect such as cracks, deep scratches or blemishes
Marking	-	Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5M Ω
Resistance to aging	70° \pm 5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
Temperature rise	14A, 250V	Temperature rise must not exceed: 1. Terminals or terminations : 45K 2. Accessible surface : 45K
The ball presses the test	-	To use 100°C to test first for 1 hour then promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Brass Nickel Sockets and Switches

PRO-ELEC

Construction

Item	Description	Material
1	Cover	Iron
2	Screw	Iron, m3.5 * 25.4
3	Clip	Iron
4	Insert	Pc
5	Plastic button	
6	Metal button	Iron
7	Base	Pa
8	Block	
9	Shutter	
10	Pole	
11	Earth plate	Iron
12		Phosphor bronze
13	N contact 1	Brass
14	N contact 2	
15	L contact 1	
16	L contact 2	
17	Contact plate	
18	Contact	
19	Earth contact	
20	Connected clip	Phosphor bronze
21	Rivet	Brass
22	Spring	Iron
23		
24	Screw	Iron, 3 * 11
25		Iron, 2BA * 8.5
26	Rivet	Al
27	Clip	Iron
28	Earth spring	Phosphor bronze
29	Touch	Ag

Part Number Table

Description	Part Number
Socket, Single, Switch, Black, Nickel	BN1899

PRO-ELEC



Features:

- 13 Amp 2 gang switched socket.

Specifications:

Current rating : 13A, 250V

Surge Protection Data

Voltage : 250V

Maximum current : 13A

Standard

BSEN 1363

Conditions for Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packageing). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

Item	Conditions	Requirements
Appearance	-	No defect such as cracks, deep scratches or blemishes
Marking	-	Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5MΩ
Resistance to aging	70° ±5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
Temperature rise	14A, 250V	Temperature rise must not exceed: 1. Terminals or terminations : 45K 2. Accessible surface : 45K
The ball presses the test	-	To use 100°C to test first for 1 hour them promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Construction

Item	Description	Material
1	Cover	Iron
2	Screw	Iron, m3.5 * 25.4
3	Clip	Iron
4	Insert	Pc
5	Plastic button	
6	Metal button	Iron
7	Base	Pa
8	Block	
9	Shutter	
10	Pole	
11	Earth plate	Iron
12	Earth clip	Phosphor bronze
13	N contact 1	Brass
14	N contact 2	
15	L contact 1	
16	L contact 2	
17	Contact plate	
18	Contact	
19	Earth contact	
20	Connected clip	Phosphor bronze
21	Rivet	Brass
22	Spring	Iron
23		
24	Screw	Iron, 3 * 11
25		Iron, 2BA * 8.5
26	Rivet	Al
27	Clip	Iron
28	Earth spring	Phosphor bronze
29	Touch	Ag

Part Number Table

Description	Part Number
Socket, Double, Switch, Black, Nickel	BN1898



Features:

- 1 gang 2 way 10ax.

Specifications:

Current rating : 10A, 250V

Surge Protection Data

Voltage : 250V

Maximum current : 10A

Standard

BSEN 60669

Conditions for Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packaging). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

Item	Conditions	Requirements
Appearance	-	No defect such as cracks, deep scratches or blemishes
Marking	-	Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5MΩ
Resistance to aging	70° ±5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
Temperature rise	14A, 250V	Temperature rise must not exceed: 1. Terminals or terminations : 45K 2. Accessible surface : 45K
The ball presses the test	-	To use 100°C to test first for 1 hour then promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Construction

Item	Description	Material
1	Metal cover	Iron
2	Screw	Iron, m3.5 * 25.4
3	Clip	Iron
4	Insert	Pc
5	Base	Pa
6	Plastic rocker	Pc
7	Metal rocker	Iron
8	Driver	Pa
9	E plate	Iron
10	Rocker plate	Pc
11	L terminal	Brass
12	Contact	P-bronze
13	Copper plate 1	Bronze
14	Copper plate 2	
15	L plate	
16	Touch 1	Ag
17	Touch 2	Ag
18	Chick eye	Brass
19	Spring	Iron
20	Screw	Iron, 5BA * 6
21	Rivet	Al
22	Screw	Iron, 3 * 11

Part Number Table

Description	Part Number
Switch, 1 Gang, 10A, Black, Nickel	BN1801



Features:

- 2 gang 2 way 10ax.

Specifications:

Current rating : 10A, 250V

Surge Protection Data

Voltage : 250V

Maximum current : 10A

Standard

BSEN 60669

Conditions for Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packaging). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

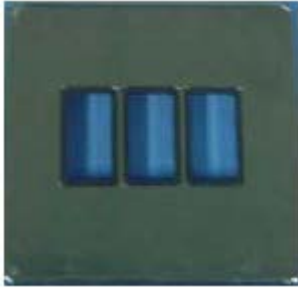
Item	Conditions	Requirements
Appearance	-	No defect such as cracks, deep scratches or blemishes
Marking	-	Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5MΩ
Resistance to aging	70° ±5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
Temperature rise	14A, 250V	Temperature rise must not exceed: 1. Terminals or terminations : 45K 2. Accessible surface : 45K
The ball presses the test	-	To use 100°C to test first for 1 hour then promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Construction

Item	Description	Material
1	Metal cover	Iron
2	Screw	Iron, m3.5 * 25.4
3	Clip	Iron
4	Insert	Pc
5	Base	Pa
6	Plastic rocker	Pc
7	Metal rocker	Iron
8	Driver	Pa
9	E plate	Iron
10	Rocker plate	Pc
11	L terminal	Brass
12	Contact	P-bronze
13	Copper plate 1	Bronze
14	Copper plate 2	
15	L plate	
16	Touch 1	Ag
17	Touch 2	Ag
18	Chick eye	Brass
19	Spring	Iron
20	Screw	Iron, 5BA * 6
21	Rivet	Al
22	Screw	Iron, 3 * 11

Part Number Table

Description	Part Number
Switch, 2 Gang, 10A, Black, Nickel	BN1802



Features:

- 3 gang 2 way 10ax.

Specifications:

Current rating : 10A, 250V

Surge Protection Data

Voltage : 250V

Maximum current : 10A

Standard

BSEN 60669

Conditions for Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packaging). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

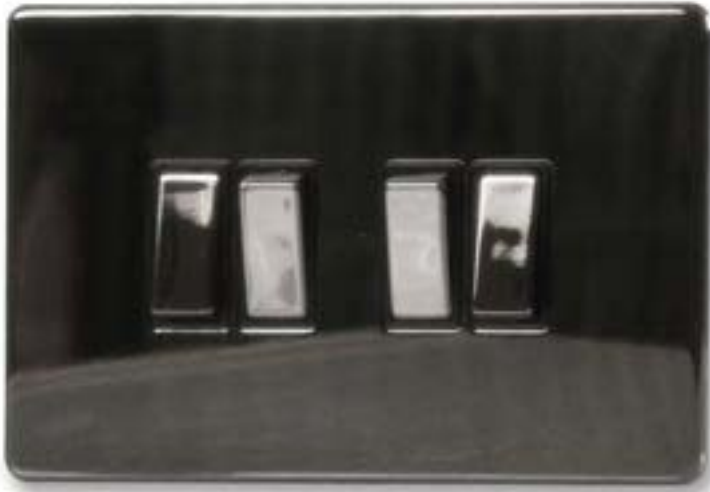
Item	Conditions	Requirements
Appearance		No defect such as cracks, deep scratches or blemishes
Marking		Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5M Ω
Resistance to aging	70° \pm 5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
Temperature rise	14A 250V	Temperature rise must not exceed: 1. Terminals or terminations : 45K 2. Accessible surface : 45K
The ball presses the test		To use 100°C to test first for 1 hour then promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Construction

Item	Description	Material
1	Metal cover	Iron
2	Screw	Iron, m3.5 * 25.4
3	Clip	Iron
4	Insert	Pc
5	Base	Pa
6	Plastic rocker	Pc
7	Metal rocker	Iron
8	Driver	Pa
9	E plate	Iron
10	Rocker plate	Pc
11	L terminal	Brass
12	Contact	P-bronze
13	Copper plate 1	Bronze
14	Copper plate 2	
15	L plate	
16	Touch 1	Ag
17	Touch 2	Ag
18	Chick eye	Brass
19	Spring	Iron
20	Screw	Iron, 5BA * 6
21	Rivet	Al
22	Screw	Iron, 3 * 11

Part Number Table

Description	Part Number
Switch, 3 Gang, 10A, Black, Nickel	BN1803



Features:

- 4 gang 2 way 10ax.

Specifications:

Current rating : 10A, 250V

Surge Protection Data

Voltage : 250V

Maximum current : 10A

Standard

BSEN 60669

Conditions for Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packaging). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

Item	Conditions	Requirements
Appearance	-	No defect such as cracks, deep scratches or blemishes
Marking	-	Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5MΩ
Resistance to aging	70° ±5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
Temperature rise	14A, 250V	Temperature rise must not exceed: 1. Terminals or terminations : 45K 2. Accessible surface : 45K
The ball presses the test	-	To use 100°C to test first for 1 hour then promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Construction

Item	Description	Material
1	Metal cover	Iron
2	Screw	Iron, m3.5 * 25.4
3	Clip	Iron
4	Insert	Pc
5	Base	Pa
6	Plastic rocker	Pc
7	Metal rocker	Iron
8	Driver	Pa
9	E plate	Iron
10	Rocker plate	Pc
11	L terminal	Brass
12	Contact	P-bronze
13	Copper plate 1	Bronze
14	Copper plate 2	
15	L plate	
16	Touch 1	Ag
17	Touch 2	Ag
18	Chick eye	Brass
19	Spring	Iron
20	Screw	Iron, 5BA * 6
21	Rivet	Al
22	Screw	Iron, 3 * 11

Part Number Table

Description	Part Number
Switch, 4 Gang, 10A, Black, Nickel	BN1804

Brass Nickel Sockets and Switches

PRO-ELEC



Features:

- 20 Ax Dp switched + neon.

Specifications:

Current rating : 20A, 250V

Surge Protection Data:

Voltage : 250V

Maximum current : 20A

Standard

BSEN 60669

Conditions of Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/package). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

Item	Conditions	Requirements
Appearance	-	No defect such as cracks, deep scratches or blemishes
Marking	-	Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5M Ω
Resistance to aging	70° ±5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
Temperature rise	14A, 250V	Temperature rise must not exceed: 1. Terminals or terminations: 45K 2. Accessible surface: 45K
The ball presses the test	-	To use 100°C to test first for 1 hour then promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

PRO-ELEC

Construction

Item	Description	Material
1	Metal cover	Iron
2	Clip	
3	Screw	Iron, m3.5 * 25.4
4	Insert	Pc
5	Base	Pa
6	Lens cover	Pc
7	Inner plate	Pa
8	Plastic rocker	Pc
9	Driver	Pa
10	Lens	Pc
11	Metal rocker	Iron
12	Rivet	Al
13	E plate	Iron
14	Lamp contact	P-bronze
15	E terminal	Brass
16	N/L Terminal	
17	Contact	Bronze
18	Metal plate 1	
19	Metal plate 2	
20	Chick eye	Brass
21	Touch	Ag
22	Spring	Iron
23	Screw	Iron, 3 * 5.5
24		Iron, 3 * 14
25		Iron, 4BA * 7.5
26	Lamp	-

Part Number Table

Description	Part Number
Switch, 20A, Neon, Blk, Nickel	BN1820N



Features:

- 13 Amp switched fused spur + neon.

Specifications:

Current rating : 13A, 250V

Surge Protection Data:

Voltage : 250V

Maximum current : 13A

Standard

BS 1363

Conditions of Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packaging). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

Item	Conditions	Requirements
Appearance	-	No defect such as cracks, deep scratches or blemishes
Marking	-	Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5MΩ
Resistance to aging	70° ±5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
Temperature rise	14A, 250V	Temperature rise must not exceed: 1. Terminals or terminations: 45K 2. Accessible surface: 45K
The ball presses the test	-	To use 100°C to test first for 1 hour then promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Brass Nickel Sockets and Switches

PRO-ELEC

Construction

Item	Description	Material
1	Metal cover	Iron
2	Screw	Iron, m3.5 * 25.4
3	Clip	Iron
4	Insert	Pc
5	Base	Pa66
6	Inner plate	Pa
7	Plastic rocker	Pc
8	Fuse holder	
9	Fuse cover iron	Iron
10	Metal rocker	
11	Driver	Pa
12	Lens cover	
13	Lens	Pc
14	E plate	Iron
15	E terminal	Brass
16	Terminal 1	
17	Terminal 2	
18	Contact	Bronze
19	Contact plate 1	
20	Contact plate 2	
21	Contact plate 3	
22	Contact plate 4	Ag
23	Touch	
24	Spring	Iron
25	Chick eye	Brass
26	Screw	Iron
27	Fuse (13A)	-
28	Screw	Iron, 2BA * 7.5
29	Screw	Iron, 4BA * 7
30	Lamp	-
31	Rivet	Al

Part Number Table

Description	Part Number
Switch, 20A, Spur, Neon, Blk, Nickel	BN1818N

PRO-ELEC



Features:

- 1 gang 2 way 400w.

Specifications:

Current rating : 230V, 50Hz

Surge Protection Data

Voltage : 60 to 400W

Maximum current : 230V, 50Hz

Standard

BSEN 6069-2-1

Conditions for Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packaging). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

Item	Conditions	Requirements
Appearance	-	No defect such as cracks, deep scratches or blemishes
Marking	-	Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5M Ω
Resistance to aging	70° \pm 5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
The ball presses the test	-	To use 100°C to test first for 1 hour then promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Brass Nickel Sockets and Switches



Construction

Item	Description	Material
1	Metal cover	Iron
2	Clip	Iron
3	Screw	Iron, M3.5 * 25.4
4	Insert	Pc
5	Metal knob	Iron
6	Plastic knob	Pc
7	Rivet	Al
8	Chick eye	Brass
9	E plate	Iron
10	E terminal	Brass
11	Screw	Iron, 5BA * 6
12	Dimmer (2w 400w)	

Part Number Table

Description	Part Number
Switch, Dimmer, 1 Gang, Black, Nickel	BN180401-2-400





Features:

- 2 gang 2 way 400w.

Specifications:

Current rating : 230V, 50Hz

Surge Protection Data

Voltage : 60 to 400W

Maximum current : 230V, 50Hz

Standard

BSEN 60669-2-1

Conditions for Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packaging). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

Item	Conditions	Requirements
Appearance	-	No defect such as cracks, deep scratches or blemishes
Marking	-	Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5M Ω
Resistance to aging	70° \pm 5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
The ball presses the test	-	To use 100°C to test first for 1 hour then promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Construction

Item	Description	Material
1	Metal cover	Iron
2	Clip	Iron
3	Screw	Iron, M3.5 * 25.4
4	Insert	Pc
5	Metal knob	Iron
6	Plastic knob	Pc
7	Rivet	Al
8	Chick eye	Brass
9	E plate	Iron
10	E terminal	Brass
11	Screw	Iron, 5BA * 6
12	Dimmer (2w 400w)	

Part Number Table

Description	Part Number
Switch, Dimmer, 2 Gang, Black, Nickel	BN180402-2-400

**Features:**

- Single tv co-axial.

Conditions of Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packaging). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

Item	Conditions	Requirements
Appearance		No defect such as cracks, deep scratches or blemishes
Marking		Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5M Ω
Resistance to aging	70° \pm 5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
The ball presses the test		To use 100°C to test first for 1 hour then promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Construction

Item	Description	Material
1	Metal cover	Iron
2	Screw	Iron, m3.5 * 25.4
3	Clip	Iron
4	Insert	Pc
5	Metal plate 1	Iron
6		
7		
8	Chick eye	Brass
9	Screw	Iron, 3 * 11
10		Iron, m3 * 6
11		Iron, 5BA * 6
12	E plate	Iron
13	E terminal	Brass
14	Rivet	Al
15	PCB A	-

Part Number Table

Description	Part Number
Socket, TV, Black, Nickel	BN1809A



Features:

- Single satellite socket.

Conditions of Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packaging). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

Item	Conditions	Requirements
Appearance	-	No defect such as cracks, deep scratches or blemishes
Marking	-	Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5M Ω
Resistance to aging	70° \pm 5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
The ball presses the test	-	To use 100°C to test first for 1 hour then promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Construction

Item	Description	Material
1	Metal cover	Iron
2	Screw	Iron, m3.5 * 25.4
3	Clip	Iron
4	Insert	Pc
5	Metal plate 1	Iron
6	Metal plate 2	
7	Nut	
8	Chick eye	Brass
9	Screw	Iron, 3 * 11
10		Iron, m3 * 6
11		Iron, 5BA * 6
12	E plate	Iron
13	E terminal	Brass
14	Rivet	Al
15	PCB A	-

Part Number Table

Description	Part Number
Socket, Satellite, Black, Nickel	BN1809B

Features:

- 45 A 2 gang dp plate switch + neon.



Specifications:

Current rating : 45A, 250V

Surge Protection Data:

Voltage : 250V

Maximum current : 45A

Standard

BS4177:1992

Conditions of Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packaging). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

Item	Conditions	Requirements
Appearance	-	No defect such as cracks, deep scratches or blemishes
Marking	-	Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5M Ω
Resistance to aging	70° ±5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
Temperature rise	14A, 250V	Temperature rise must not exceed: 1. Terminals or terminations: 45K 2. Accessible surface: 45K
The ball presses the test	-	To use 100°C to test first for 1 hour then promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Construction

Item	Description	Material
1	Metal cover	Iron
2	Lens	Pc
3	Insert	
4	Base	UREA
5	Lens cover	Pc
6	Inner plate 1	Pa
7	Inner plate 2	
8	Metal rocker 1	Iron
9	Plastic rocker 1	Pc
10	Metal rocker 2	Iron
11	Plastic rocker 2	Pc
12	Shutter	Pa
13	Spring	Iron
14	Driver 1	Pa
15	Driver spring 1	Iron
16	Driver 2	Pa
17	Driver spring 2	Iron
18	E plate	
19	Clip	
20	E clip	P-bronze
21	N plate 1	Brass
22	N plate 2	
23	N plate 3	
24	L plate 1	
25	L plate 2	
26	L plate 3	
27	N/L clip	P-bronze
28	Terminal 1	Brass
29	E terminal	
30	Contact 1	P-bronze
31	Contact 2	

Construction

Item	Description	Material
32	Touch 1	Ag
33	Touch 2	Ag
34	Contact 3	P-bronze
35	Screw	Iron, 2BA * 8.5
36	Screw	Iron, 2BA * 10.5
37	Screw	Iron, 3 * 8
38	Chick eye	Brass
39	Rivet	Al
40	Lamp	-

Part Number Table

Description	Part Number
Switch, Cooker, Black, Nickel	FBN18288N



Features:

- 45A cooker unit 1G+

Specifications:

Current rating : 45A, 250V

Surge Protection Data:

Voltage : 250V

Maximum current : 45A

Standard

BSEN 60669

Conditions of Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packaging). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

Item	Conditions	Requirements
Appearance	-	No defect such as cracks, deep scratches or blemishes
Marking	-	Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5MΩ
Resistance to aging	70° ±5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
Temperature rise	14A, 250V	Temperature rise must not exceed: 1. Terminals or terminations: 45K 2. Accessible surface: 45K
The ball presses the test	-	To use 100°C to test first for 1 hour then promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Construction

Item	Description	Material
1	Metal cover	Iron
2	Insert	Pc
3	Base	UREA
4	Inner plate	Pa
5	Metal rocker	Iron
6	Plastic rocker	Pc
7	Lens	
8	Driver	Pa
9	Clip	Iron
10	E plate	
11	E terminal	Brass
12	Terminal	
13	Contact	Bronze
14	Metal plate 1	P-bronze
15	Metal plate 2	
16	Metal plate 3	
17	Touch	Ag
18	Driver spring	Iron
19	Spring	
20	Chick eye	Brass
21	Screw	Iron, 3 * 8
22		Iron, m3.5 * 25.4
23		Iron, 2BA * 7.5
24	Rivet	Al
25	Screw	Iron, 0BA * 7.5
26	Lamp	-

Part Number Table

Description	Part Number
Switch, Cooker, Socket, Black Nickel	FBN18188N



Features:

- Single blank plate.

Conditions for Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packaging). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

Item	Conditions	Requirements
Appearance		No defect such as cracks, deep scratches or blemishes
Marking		Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5MΩ
Resistance to aging	70° ±5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
The ball presses the test		To use 100°C to test first for 1 hour them promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Construction

Item	Description	Material
1	Metal cover	Iron
2	Screw	
3	E plate	
4	E terminal	Brass
5	Plastic cover	Pc

Part Number Table

Description	Part Number
Blanking Plate, 1 Gang, Black, Nickel	FSS1811

Features:

- Double blank plate.



Conditions for Use

This equipment is intended for domestic use only. It must be installed in accordance with the fitting instructions. It should be fixed in the approved and conventional way to a solid or stud partition wall. Wallpaper/wallpaper paste of any sort should not continue beneath the plate towards the working parts of the equipment. It should not be used in areas of high humidity (bathrooms etc.), nor within reach of a water source. The equipment should be connected to a mains supply of the appropriate voltage (indicated on the product). Care should be taken not to overload the equipment (maximum wattage indicated on the product/packaging). If you are unsure consult a qualified electrician before fitting. No liability can be accepted if the product is installed or used in any other way.

Safety Specifications

Item	Conditions	Requirements
Appearance		No defect such as cracks, deep scratches or blemishes
Marking		Shall be leg
Insulation resistance	500 + 250V dc 1 minute	Shall not be less than 5MΩ
Resistance to aging	70° ±5° 168 hours	No cracks or become sticky
Torque test	Value of 0.5Nm (5.1 kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
Glow wire test	650°/750° electrically heated	Flame must extinguish within 30 seconds
The ball presses the test		To use 100°C to test first for 1 hour then promotes the temperature to 125°C tests 1 hour, the zhdentation cannot surpass 2mm

Construction

Item	Description	Material
1	Metal cover	Iron
2	Screw	
3	E plate	
4	E terminal	Brass
5	Plastic cover	Pc

Brass Nickel Sockets and Switches



Part Number Table

Description	Part Number
Blanking Plate, 2 Gang, Black, Nickel	FSS1812

Disclaimer This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Pro-Elec is the registered trademark of the Group. © Premier Farnell plc 2009.

<http://www.farnell.com>
<http://www.newark.com>
<http://www.cpc.co.uk>

