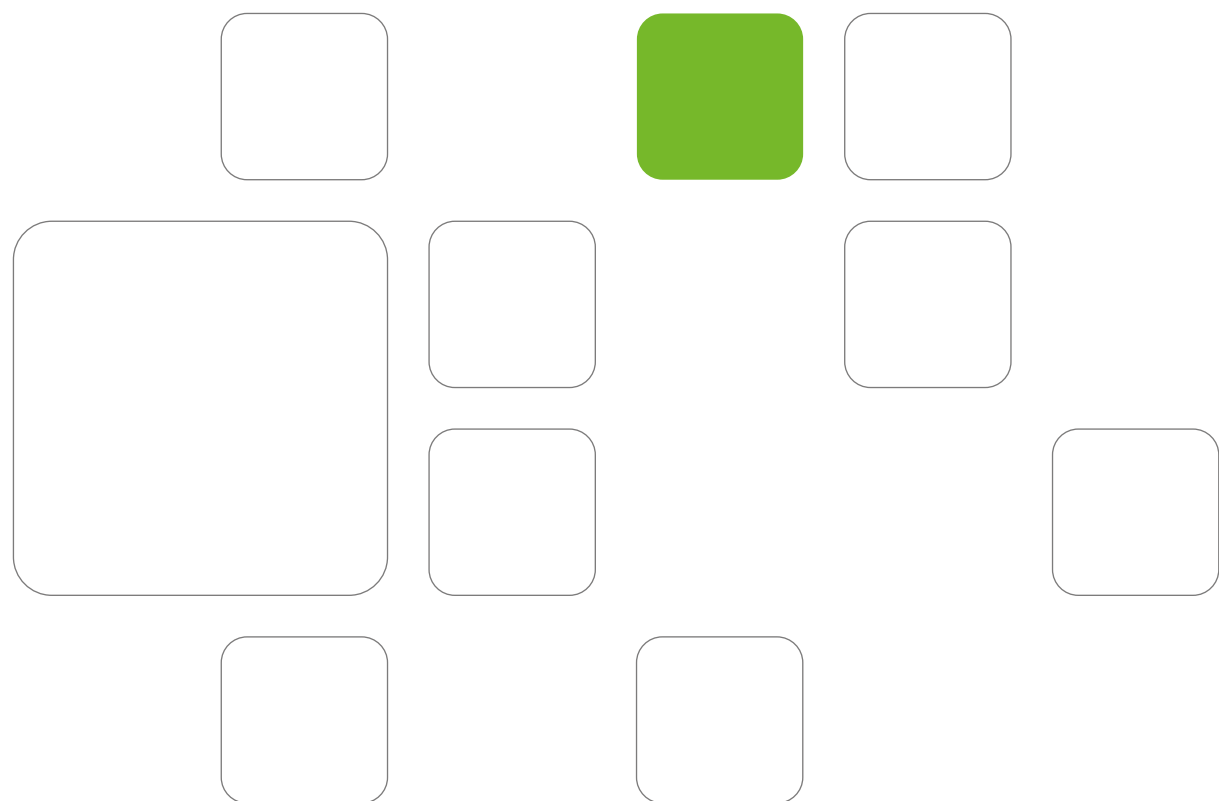




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Wiring accessories catalogue



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Dear Friends and Partners,

What innovations are awaiting you in 2014?
What innovative solutions will distinguish themselves from others in residential and commercial buildings?
By browsing through the new catalogue you will find the answers to these questions. Working in close partnership with installers and distributions means that we have been able to develop a whole new range of promising innovations which are not only innovative, but also for practical day to day use. This catalogue shows you the best of these innovations.

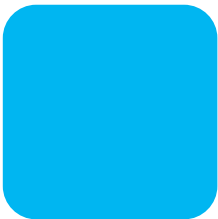
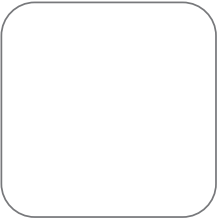
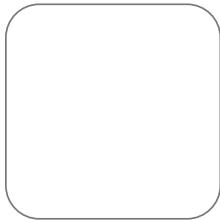
In the following pages, you will also find a number of reliable and user - friendly Hager products which have proven successful over and over again. As a supplier of global solutions, we offer professionals everything they need related to energy distribution, cable management, trunking, home automation systems and security. Providing such a complete range of solutions and services from one unique partner is extremely beneficial for both fitters and prescribers. Electrical installations are not only becoming simpler and faster but also more reliable, efficient and functional.

Being constantly attentive to our customers' needs means that we are able to fully satisfy their requirements and develop market boosting innovative solutions that allow us to remain the market leader of today and tomorrow.

More than ever, it is essential to have the right partner.

Yours sincerely,

Daniel Hager
CEO Hager Group



The partner for smart solutions you can trust

Hager is a full-range supplier of electrical installation systems for building, residential and commercial properties. For decades, Hager has been synonymous with an extensive and complete offering. Highest quality, cutting-edge products, modularity, ease of installation, ease of use, excellent service and sophisticated design are the features that distinguish Hager.

Hager: a brand meeting your expectations

As a specialist in

- power distribution,
- cable management and room connection systems,
- switch programmes and smart building automation as well as safety technology such as alarm systems, smoke detectors and motion detectors.

Hager the supplier for professionals – is a synonym for top quality and innovative technology, as well as good customer relations and reliability. All of which make Hager the partner for smart solutions, you can trust.

New ideas for the customers' benefit

Innovations and the systematic enhancement of the products and systems are key features of the Hager brand. It has always been our goal to use new designs and improvements to stay ahead of developments.

The use of innovations and new technologies at Hager is always customer-driven. Every year, Hager evaluates thousands of customer contacts, result-ing in detailed knowledge of its customers' needs in order to work efficiently and successfully. Based on this knowledge, Hager develops the innovative solutions that are so characteristic for the Hager brand. Ease of installation, ease of use, intuitive user interfaces, modularity and durability are brand values that guarantee highest quality throughout in Hager systems.

80 per cent of Hager products and systems are younger than five years. This high degree of innovation enables the users to meet various new challenges effectively. The strong demand for innovations and enhancements is a good indicator for the customer-oriented policy of the Hager brand also resulting in a high turnover at wholesalers.

A flourishing group

Hager belongs to the Hager Group, which is a family owned business with a more than fifty-year tradition. As a global player, the company has about 11,400 employees and a turnover of more than 1.6 billion Euro in 2012. Today, the Hager Group offers more than 74.000 items.

www.hager.com

stylea

system 10088

system 8000

system 9088

Stainless steel

Metal clad

IP66 ranges, Independent function items

Technical information

switches | dimmer & fan controller | double pole control | special marked units | communication & data | socket outlets | connection units | moulded blank plates

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switches | dimmer | double pole control | special marked units | cooker controls | hotel ranges | communication & data | shaver socket | socket outlet | connection units | moulded blank plates

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switches | dimmer & fan controller | double pole control | cooker controls unit | special marked units | communication & data | socket outlets | connection units | moulded blank plates

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switches | dimmer | double pole control | special marked units | cooker controls | hotel ranges | communication & data | shaver socket | socket outlet | connection units | moulded blank plates

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switches | 20 & 45A double pole control | socket outlet | fuse connection units

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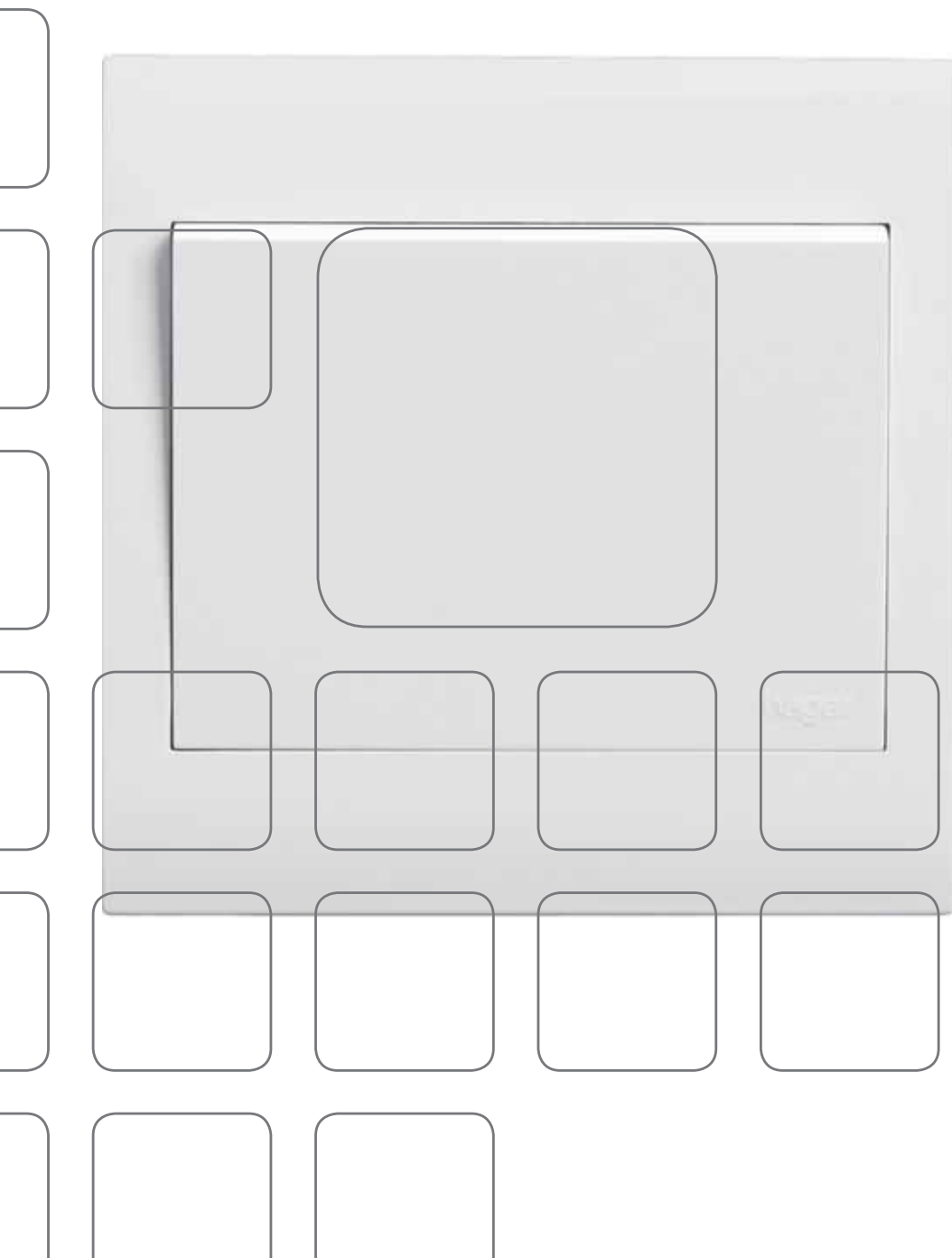
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stylea

beautiful

Its simple and neat design perfectly suits contemporary residential and commercial requirements. Its modern, simple, neat and straight styling lines blends with today's interiors and hints at its reliability.

Acting as the link to power and lighting, whether for home entertainment or everyday tasks, you must have confidence in the quality of wiring accessories.



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stylea wiring accessories

Touch of style

The large flat rocker switch, with its slim front plate and clean style, is designed for contemporary residential and commercial environments. The BS socket is available in switched and unswitched versions, in single and double pole, and with or without indicator. The data outlet range will allow an easy and quick connection to the networks, such as web, phone, TV...



The advantages for you:

- Terminals are easy to identify, access and tighten.
- Installation time is reduced.

Technical data:

- Product ranges have been independently tested and certified.
- Faceplates are made from high grade PC ensuring excellent scratch, impact and UV resistance
- All sockets are provided with safety shutters, giving protection against accidental contact with live parts and ensuring safety for your children.

Expert tips

1



Terminals

The terminals all face in the same direction for ease of installation and are clearly identified.

2



Terminal screws

Terminal screws are supplied backed out to save installation time and are captive so they won't be lost.

3



Lead in

Moulded lead-ins help to guide the driver blade to the screw head.

4



Capacity increase

Increased wiring capacity of the new 13A socket terminals permits the use of today's larger cables and reduces installation time.

5



Safety shutter

Shutter design gives protection against access to live parts and protects the safety of your children.

6



Dust proof

Protection sticker on sockets which prevents dust pollution during the installation.

7



Switches

Single pole switches are simplified to 2 parts - rocker and plate which makes installation easier and quicker.





8



High safety



All switches are equipped with a no welding design which ensures a compulsory break when contact welding occurs. 10AX switches do not require derating for fluorescent loads.

- Complies with BS EN 60669-1 IEC 60669-1 CB certificate
- 'AX' rated - No need to derate for fluorescent loads
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal:
3 x 1.5 mm²
2 X 2.5 mm²
- Two way switches can be wired either 1 way or 2 way
- Terminal markings denote:
L1 = one way
L2 = two way
C = common
- Material: Polycarbonate




		Description	Pack qty.	Cat. Ref.
	WXEL111	Single pole switches 10AX 1 gang 1 way, large dolly	10	WXEL111
	WXEL112	1 gang 2 way, large dolly	10	WXEL112
	WXEL121	2 gang 1 way, large dolly	10	WXEL121
	WXEL122	2 gang 2 way, large dolly	10	WXEL122
	WXEL131	3 gang 1 way, large dolly	10	WXEL131
	WXEL132	3 gang 2 way, large dolly	10	WXEL132
	WXEL101	1 gang intermediate large dolly	10	WXEL101

stylea
bell switches

- Complies with BS EN 60669-1 IEC 60669-1 CB certificate
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal:
3 x 1.5 mm²
2 X 2.5 mm²
- Material: Polycarbonate







		Description	Pack qty.	Cat. Ref.
	WXEL11B	Single pole bell switches 10A Marked "BELL" large dolly	10	WXEL11B
	WXEL11P	Marked "PRESS" large dolly	10	WXEL11P
	WXEL12P	2 gang marked "PRESS" large dolly	10	WXEL12P



- Complies with BS EN 60669-2-1 IEC 60669-2-1
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal: 3 x 1.5 mm²
- For dimmers
 - Frequency 50/ 60Hz
 - Rating 500W max
 - For incandescent lamps only
 - Max 150W for halogen lamps
- Material: Polycarbonate

Description		Pack qty.	Cat. Ref.
	Dimmer switches 500W 2 way switched single	5	WXED1R500
	500W 2 way switched twin	5	WXED2R500
	Fan controller 400W 2 way switched	5	WXEF1R400

stylea
double pole control switches



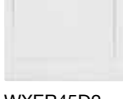
- Complies with BS EN 60669-1 IEC 60669-1 CB certificate
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal:
L, N: 2 x 4 mm²
E: 2 x 4 mm²
- Material: Polycarbonate

Description		Pack qty.	Cat. Ref.
	Double pole control switches 20AX 1 gang, large dolly	10	WXEL2D1
	1 gang, large dolly with neon	10	WXEL2D1N
	2 gang, large dolly	10	WXEL2D2
	2 gang, large dolly with neon	10	WXEL2D2N
	1 gang 2 way, large dolly	10	WXEL2D12
	1 gang 2 way, large dolly with neon	10	WXEL2D12N

		Description	Pack qty.	Cat. Ref.																														
		Double pole control switch 20AX with special marking 1 gang, large dolly with neon marked "WATER HEATER"	10	WXEL2D1NWH																														
		1 gang, large dolly with neon marked "20AX"	10	WXEL2D1NAX																														
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"COMPUTER POWER"	CP	"20AX"	AX																															


stylea 32A and 45A double pole control switches

- Complies with BS EN 60669-1 IEC 60669-1, CB certificate
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal:
L, N: 1 X 16.0 mm²
E: 2 X 16.0 mm²
- Material: polycarbonate

		Description	Pack qty.	Cat. Ref.
		Double pole control switches 32A with neon	10	WXER32D1
		45A with neon	10	WXER45D1
		45A with neon (size 2)	5	WXER45D2



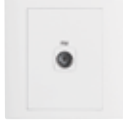


















stylea cooker control unit

- Complies with BS 4177
- Combined switch / sockets have double pole 45A main switch & 13A switched socket outlet
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal:
L, N: 1 x 16 mm²
E: 1 x 10 mm²
- Marking on cooker control units: ON, OFF and circuit identification cooker and socket
- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Double pole cooker control unit 45A Cooker control unit (size 2)	5	WXER45CCU

• Supplied with M3.5 x 25 mm long fixing screws

• Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Communication and data		
		Telephone outlet (BS style master)	10	WXET1M
WXET1M	WXET1S	Telephone outlet (BS style slave)	10	WXET1S
		FM co-axial outlet	10	WXETFM75
WXETFM75	WXETV75	TV co-axial outlet	10	WXETV75
		TV + FM splitter isolator SCV outlet (size 2)	10	WXETVFM2
		TV + FM connector	10	WXETVFM
		TV + FM outlet with splitter	10	WXETVFMWS
		RJ45 data outlet (1 mod) Cat 5e	10	WXET1RJ5
WXET1RJ5		RJ45 data outlet (2 mod) Cat 5e	10	WXET2RJ5
		RJ45 data outlet (1 mod) Cat 6	10	WXET1RJ6
WXET1RJ6		RJ45 data outlet (2 mod) Cat 6	10	WXET2RJ6
		RJ11 telephone + RJ45 data outlet Cat 5e	10	WXETD
WXETD		RJ11 telephone outlet (1 mod)	10	WXET1RJ
		RJ11 telephone outlet (2 mod)	10	WXET2RJ
WXET2RJ		RG6 cable TV outlet	10	WXETV75F
		Branching terminal 5-pair tel. terminal	10	WXETBT5
WXETBT5		TV + RG6 connector without splitter	10	WXETV75R
		2A telephone socket with shutter	10	WXET2A
WXET2A		TV + FM outlet (master)	10	WXETVFM
		TV + FM outlet (slave)	10	WXETVFMMS
WXETVFMMS				

stylea 5A socket outlets



- Complies with BS 546 SS 472

- Supplied with M3.5 x 25 mm long fixing screws

- Capacity of each terminal:
L, N: 3 X 2.5 mm²
E: 4 X 1.5 mm²

- Integral rocker design of switched sockets provides clear red 'on' indication

- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Socket outlet 5A round pin unswitched	10	WXES105
		5A round pin switched	10	WXES105S
WXES105	WXES105S			

stylea 10A socket outlet




- Complies with IEC 60884-2-3

- Supplied with M3.5 x 25 mm long fixing screws

- Integral rocker design of switched sockets provides clear red 'on' indication






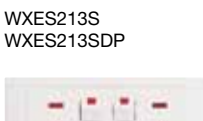



- Material: Polycarbonate

- Capacity of each terminal:
L, N: 2 X 4.0 mm²
E: 3 X 2.5 mm²

		Description	Pack qty.	Cat. Ref.
		Socket outlets 10A 2 pin unswitched universal	10	WXES10U
		10A 2 pin switched universal	10	WXES10US
		10A 2 pin unswitched twin universal	10	WXES10U2
WXES10U	WXES10US			
WXES10U2				

stylea 13A socket outlets





- Complies with BS 1363-2 SS 145-2
- All terminal screws are facing upward for ease of installation
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal:
L, N: 2 x 4.0 mm²
E: 3 x 2.5 mm²
- Integral rocker design of switched sockets provides clear red 'on' indication
- Tough plastic back for durability
- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Socket outlets 13A single unswitched	10	WXES113
		13A twin unswitched (size 2)	10	WXES213
		13A single switched, single pole	10	WXES113S
		13A twin switched (size 2), single pole	10	WXES213S
		13A single switched with neon, single pole	10	WXES113N
		13A twin switched with neon (size 2), single pole	10	WXES213N
		13A single switched, double pole	10	WXES113SDP
		13A twin switched (size 2), double pole	10	WXES213SDP
		* Socket are supplied with free dust damage prevention sticker to give additional protection during installation. * Sockets with red rocker are also available/ surcharge applies.		





Dust preventive sticker

stylea 15A and 16A socket outlets

- Complies with BS 546 SS 472 IEC 60884 (for WXES116/ 116S) IEC 60884-1 (for WXES116IS)
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal:
L, N: 2 X 4.0 mm²
E: 3 X 2.5 mm²
- Integral rocker design of switched sockets provides clear red 'on' indication
- Material: Polycarbonate


		Description	Pack qty.	Cat. Ref.
		Socket outlets 15A round pin unswitched	10	WXES115
		15A round pin switched	10	WXES115S
		German style sockets 16A German style (without shutter)	10	WXES116
		16A German style (with shutter)	10	WXES116S
		Universal sockets 16A 3 pin switched universal	10	WXES116IS

- Complies with BS 1363-4
- Cable clamp accommodates up to 2.5 mm² flexible cord
- Supplied with M3.5 x 25 mm long fixing screws
- All switched units are double pole
- Capacity of each terminal:
L, N: 3 X 4.0 mm²
E: 2 X 4.0 mm²
- All units fitted with a 13A fuse link to BS 1362, can be supplied with 2A, 5A fuse link.
- Material: polycarbonate
- Optional flex outlet - for choice of use

		Description	Pack qty.	Cat. Ref.
		Fused connection units 13A fused with flex outlet	10	WXER13
		13A fused with neon and flex outlet	10	WXER13N
		13A switched fused with flex outlet	10	WXER13S
		13A switched fused with neon and flex outlet	10	WXER13SN
		2A fused with flex outlet	10	WXER132
		2A fused with neon and flex outlet	10	WXER13N2
		2A switched fused with flex outlet	10	WXER13S2
		2A switched fused with neon and flex outlet	10	WXER13SN2
		5A fused with flex outlet	10	WXER135
		5A fused with neon and flex outlet	10	WXER13N5
		5A switched fused with flex outlet	10	WXER13S5
		5A switched fused with neon and flex outlet	10	WXER13SN5

stylea
connection unit

- Complies with BS 5733
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal:
L, N: 2 x 6.0 mm²
E: 2 x 6.0 mm²
- Material: polycarbonate

		Description	Pack qty.	Cat. Ref.
		Connection unit 25A connection unit with flex outlet	10	WXER25

• Complies with
BS 5733

• Supplied with M3.5 x 25 mm
long fixing screws

• Material: Polycarbonate

	Description	Pack qty.	Cat. Ref.
WXEV1	Blank plates Blank plate (size 1)	20	WXEV1
WXEV2	Blank plate (size 2)	10	WXEV2

stylea
decoration cover

	Description	Pack qty.	Cat. Ref.
WXEC1	Decoration cover 1 gang clip on cover (size 1)	20	WXEC1
WXEC2	2 gang clip on cover (size 2)	10	WXEC2
WXEC1	Euro accommodation plates Accommodation plate (for 2 modules)	20	WXEVE2
WXEC2	Accommodation plate (for 3 modules) Remarks: 1 module = 22.5mm X 45mm	10	WXEVE3

system 10088

Large convex rocker switch

The system 10088 with large convex rocker switch is designed for distinctive appearance in environments such as hotels, offices or homes.

The large convex rocker switch feature provides a subtle feel when switching. The product is available in a full range of colours and finishes, which ensures the compatibility of the switches with the interior design. The changeable clip on cover enables you to mix and match to create your own product character.

system 10088 has obtained the British Standard (BS) certificate from NEMKO UK, an international third party laboratory.



wall switches	P.24
bell switches	P.25
dimmer switches	P.25
double pole control switches	P.25
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connection unit	P.30
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decoration cover and multi-gang cover	P.32
colour 10088, colour specially for system 10088	P.33

system 10088

wiring accessories

Touch of style

Slim front plate with clean style, large flat rocker switch is designed for contemporary residential and commercial environments. The BS socket is available in switched and unswitched, single or double pole version. Available with or without indicator. The data outlet range will allow an easy and quick connection to the networks, such as web, phone, TV...



The advantages for you:

- Easy to install
- Popular color options
- Complete range
- Changable clip on cover

Technical data:

- IEC/ BS EN 60669-1
- BS 1363
- IEC 60884-1
- BS 4177
- BS 5733

Expert tips

1



Unique design

- Slim front plate
- Combination of gloss and matt finish

5



Glow in dark

- Glow in dark (4-5 hours)

2



Cover with gold or silver strip

- More choice for your decoration

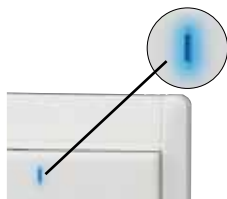
6



Screws in one direction

- Easier for installation

3



Blue LED

- Location or ON indicator

7



Available in four colours

4



Removal slot

- No damage to the wall when removing covers














8



Safety shutter

- All sockets equipped with shutters preventing single object intrusion
- Safe for your children

- Complies with BS EN 60669-1 IEC 60669-1 CB certificate
- 'AX' rated - No need to derate for fluorescent loads
- Supplied with M3.5 x 25 mm long fixing screws
- Switches available with Blue LED for illuminated identification in a dark environment
- All switches with LED are pre-wired as location indicator
- All switches without LED have glow in the dark fluorescent indicators
- Capacity of each terminal: 3 x 1.5 mm² 2 X 2.5 mm²
- Two way switches can be wired either 1 way or 2 way
- Terminal markings denote: L1 = one way L2 = two way C = common
- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Single pole switches with fluorescent strips 10AX		
		1 gang 1 way, large dolly	10	WGL111
WGL111 WGL112	WGL121 WGL122	1 gang 2 way, large dolly	10	WGL112
		2 gang 1 way, large dolly	10	WGL121
WGL131 WGL132	WGL101	2 gang 2 way, large dolly	10	WGL122
		3 gang 1 way, large dolly	10	WGL131
		3 gang 2 way, large dolly	10	WGL132
		1 gang intermediate large dolly	10	WGL101
		Single pole switches with LED 10AX		
		1 gang 1 way, large dolly	10	WGL111N
WGL112 WGL112N	WGL122 WGL122N	1 gang 2 way, large dolly	10	WGL112N
		2 gang 1 way, large dolly	10	WGL121N
WGL132 WGL132N		2 gang 2 way, large dolly	10	WGL122N
		3 gang 1 way, large dolly	10	WGL131N
		3 gang 2 way, large dolly	10	WGL132N
		Single pole switches with fluorescent strips 20AX		
		1 gang 1 way, large dolly	10	WGL211
WGL211 WGL212	WGL221 WGL222	1 gang 2 way, large dolly	10	WGL212
		2 gang 1 way, large dolly	10	WGL221
WGL231 WGL232		2 gang 2 way, large dolly	10	WGL222
		3 gang 1 way, large dolly	10	WGL231
		3 gang 2 way, large dolly	10	WGL232
		Single pole switches with LED 20AX		
		1 gang 1 way, large dolly	10	WGL211N
WGL212 WGL212N	WGL222 WGL222N	1 gang 2 way, large dolly	10	WGL212N
		2 gang 1 way, large dolly	10	WGL221N
WGL232 WGL232N		2 gang 2 way, large dolly	10	WGL222N
		3 gang 1 way, large dolly	10	WGL231N
		3 gang 2 way, large dolly	10	WGL232N

* If "ON" indicator is required, extra loop terminal is needed for wiring / surcharge applies

system 10088

bell switches






- Complies with BS EN 60669-1 IEC 60669-1 CB certificate

- Supplied with M3.5 x 25 mm long fixing screws

- Capacity of each terminal:
3 x 1.5 mm²
2 X 2.5 mm²

- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref
		Single pole bell switches with fluorescent strips 10A		
WGL11B	WGL11P	Marked "BELL" large dolly	10	WGL11B
		Marked "PRESS" large dolly	10	WGL11P
WGL12P		2 gang marked "PRESS" large dolly	10	WGL12P

system 10088

dimmer switch

- Complies with BS EN 60669-2-1 IEC 60669-2-1


- Supplied with M3.5 x 25 mm long fixing screws

- Dimmers can control incandescent lamps

- Material: Polycarbonate

- Capacity of each terminal:
3 x 1.5 mm²

- Frequency 50/ 60Hz

		Description	Pack qty.	Cat. Ref.
		Dimmer switch 600W large dolly with neon single (cycle action)	10	WGLD600

system 10088







double pole control switches



- Complies with BS EN 60669-1 IEC 60669 CB certificate

- Supplied with M3.5 x 25 mm long fixing screws

- Capacity of each terminal:
L, N: 2 x 4.0 mm²
E: 2 x 4.0 mm²



- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Double pole control switches 20AX		
WGL2D1	WGL2D1N	1 gang, large dolly	10	WGL2D1
		1 gang, large dolly with neon	10	WGL2D1N
WGL2D2	WGL2D2N	2 gang, large dolly	10	WGL2D2
		2 gang, large dolly with neon	10	WGL2D2N
WGL2D12	WGL2D12N	1 gang 2 way, large dolly	10	WGL2D12
		1 gang, 2 way, large dolly with neon	10	WGL2D12N

		Description	Pack qty.	Cat. Ref.																															
 WGL2D1NWH	 WGL2D1NAX	Double pole control switch 20AX with special marking 1 gang, large dolly with (RED) neon marked "WATER HEATER"	10	WGL2D1NWH																															
		1 gang, large dolly with neon marked "20AX"	10	WGL2D1NAX																															
		<table border="1"> <thead> <tr> <th>Special marks</th> <th>Abbreviation</th> <th>Special marks</th> <th>Abbreviation</th> <th>Special marks</th> <th>Abbreviation</th> </tr> </thead> <tbody> <tr> <td>"AIR CONDITIONER"</td> <td>AC</td> <td>"DRYER"</td> <td>DR</td> <td>"OVEN"</td> <td>OV</td> </tr> <tr> <td>"COOKER HOB"</td> <td>CB</td> <td>"DISH WASHER"</td> <td>DW</td> <td>"WATER HEATER"</td> <td>WH</td> </tr> <tr> <td>"COOKER HOOD"</td> <td>CH</td> <td>"FRIDGE"</td> <td>FR</td> <td>"WASHING MACHINE"</td> <td>WM</td> </tr> <tr> <td>"COMPUTER POWER"</td> <td>CP</td> <td>"20AX"</td> <td>AX</td> <td></td> <td></td> </tr> </tbody> </table> (Surcharge applies)	Special marks	Abbreviation	Special marks	Abbreviation	Special marks	Abbreviation	"AIR CONDITIONER"	AC	"DRYER"	DR	"OVEN"	OV	"COOKER HOB"	CB	"DISH WASHER"	DW	"WATER HEATER"	WH	"COOKER HOOD"	CH	"FRIDGE"	FR	"WASHING MACHINE"	WM	"COMPUTER POWER"	CP	"20AX"	AX					
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system 10088
32A and 45A double pole control switches

- Complies with BS EN 60669-1 IEC 60669-1, CB certificate
- Supplied with M3.5 x 25 mm long fixing screws and screw caps
- Capacity of each terminal:
L, N: 1 X 16.0 mm²
E: 2 X 16.0 mm²
- Material: polycarbonate

		Description	Pack qty.	Cat. Ref.
 WGR32D1 WGR45D1	 WGR45D2	Double pole control switches 32A with neon	10	WGR32D1
		45A with neon	10	WGR45D1
		45A DP cooker unit (size 2)	5	WGR45D2

system 10088
cooker control unit




- Complies with BS 4177
- Combined switch / sockets have double pole 45A main switch & 13A switched socket outlet
- Supplied with M3.5 x 25 mm long fixing screws and screw caps
- Capacity of each terminal:
L, N: 1 x 16 mm²
E: 1 x 10 mm²
- Marking on cooker control units: ON, OFF and circuit identification cooker and socket
- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
 WGR45CCU		Double pole cooker control unit 45A Cooker control unit (size 2)	5	WGR45CCU

- Complies with BS EN 60669-1 IEC 60669-1

- Supplied with M3.5 x 25 mm long fixing screws















- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Hotel range Key tag switch with key card (time delay 60s)	5	WGHKT
		"DND" & "Please clean up" switches with (RED) neon	10	WGHDC
		"DND" & "Please clean up" indication box with door bell switch	10	WGHBD

system 10088
communication and data

- Supplied with M3.5 x 25 mm long fixing screws

- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Communication and data Telephone outlet (BS style master)	10	WGT1M
		Telephone outlet (BS style slave)	10	WGT1S
		TV co-axial outlet	10	WGTV75
		TV + FM splitter isolator SCV outlet (size 2)	10	WGTVM2
		RJ45 data outlet (1 mod) Cat 5e	10	WGT1RJ5
		RJ45 data outlet (2 mod) Cat 5e	10	WGT2RJ5
		RJ45 data outlet (1 mod) Cat 6	10	WGT1RJ6
		RJ45 data outlet (2 mod) Cat 6	10	WGT2RJ6
		RJ11 telephone + RJ45 data outlet Cat 5e	10	WGTD
		RJ11 telephone outlet (1 mod)	10	WGT1RJ
		RJ11 telephone outlet (2 mod)	10	WGT2RJ
		RG6 cable TV outlet	10	WGTV75F
		Branching terminal 5-pair tel. terminal	10	WGTBT5
		TV + RG6 connector without splitter	10	WGTV75R

- Complies with BS EN 61558-2-5 IEC 61558-2-5
 - Supplied with M3.5 x 25 mm long fixing screws
 - Designed for use in bathrooms and washrooms and incorporates a double wound isolating transformer for an earth free supply.
 - Capacity of each terminal: 2 x 2.5 mm²
 - Primary circuit is protected by a self-resetting thermal overload device. Insertion of shaver plug automatically switches on the transformer, removal automatically switches it off.
 - Material: Polycarbonate
- Input 230V a.c. output dual voltage 230V a.c. and 115V a.c. outlets rating 20VA on either voltage
- A positive interlock prevents 2 plugs being inserted simultaneously



WGS200

Description	Pack qty.	Cat. Ref.
Shaver socket 115V /230V [20VA] (size 2)	1	WGS200

system 10088
5A socket outlets

- Complies with BS 546 SS 472
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal:
L, N: 3 X 2.5 mm²
E: 4 X 1.5 mm²
- Integral rocker design of switched sockets provide clear red 'on' indication
- Material: Polycarbonate



WGS105



WGS105S

Description	Pack qty.	Cat. Ref.
Socket outlet 5A round pin unswitched	10	WGS105
5A round pin switched	10	WGS105S

system 10088
10A socket outlets

- Complies with IEC 60884-2-3
- Supplied with M3.5 x 25 long fixing screws
- Capacity of each terminal:
L, N: 2 X 4.0 mm²
E: 3 X 2.5 mm²
- Integral rocker design of switched sockets provide clear red 'on' indication
- Material: Polycarbonate



WGS10U



WGS10US



WGS10U2









Description	Pack qty.	Cat. Ref.
Socket outlets 10A 2 pin unswitched universal socket	10	WGS10U
10A 2 pin switched universal socket	10	WGS10US
10A 2 pin unswitched twin universal socket	10	WGS10U2

system 10088

13A socket outlets



- Complies with BS 1363-2 SS 145-2
- All terminal screws upward facing for ease of installation
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal:
L, N: 2 x 4.0 mm²
E: 3 x 2.5 mm²
- Integral rocker design of switched sockets provide clear red 'on' indication
- Tough plastic back for durability
- Material: Polycarbonate

Description		Pack qty.	Cat. Ref.
	Socket outlets 13A single unswitched	10	WGS113
	13A twin unswitched (size 2)	10	WGS213
	13A single switched, single pole	10	WGS113S
	13A twin switched (size 2), single pole	10	WGS213S
	13A single switched with neon, single pole	10	WGS113N
	13A twin switched with neon (size 2), single pole	10	WGS213N
	13A single switched with neon, double pole	10	WGS113DP
	13A twin switched with neon (size 2), double pole	10	WGS213DP






Dust preventive sticker

* Sockets are with FREE dust preventive sticker to give additional protection during installation
* Sockets with red rocker are also available/ surcharge applies

system 10088

15A and 16A socket outlets

- Complies with BS 546 SS 472 IEC 60884 (for WGS116/ 116S) IEC 60884-1 (for WGS16IS)
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal:
L, N: 2 X 4.0 mm²
E: 3 X 2.5 mm²
- Integral rocker design of switched sockets provide clear red 'on' indication
- Material: Polycarbonate




Description		Pack qty.	Cat. Ref.
	Socket outlets 15A round pin unswitched	10	WGS115
	15A round pin switched	10	WGS115S
	German style sockets 16A German style (without shutter)	10	WGS116
	16A German style (with shutter)	10	WGS116S
Universal socket 16A 3 pins switched universal		10	WGS116IS

system 10088

fused connection units




- Complies with BS 1363-4
- Cable clamp accommodates up to 2.5 mm² flexible cord
- Supplied with M3.5 x 25 mm long fixing screws
- All switched units are double pole
- Capacity of each terminal:
L, N: 3 X 4.0 mm²
E: 2 X 4.0 mm²
- All units fitted with a 13A fuse link to BS 1362, can be supplied with 2A, 5A fuse link.
- Material: polycarbonate
- Optional flex outlet - for choice of use

		Description	Pack qty.	Cat. Ref.
		Fused connection units		
WGR13	WGR13S	13A fused with flex outlet	10	WGR13
WGR132	WGR13S2	13A switched fused with flex outlet	10	WGR13S
WGR135	WGR13S5	13A switched fused with neon and flex outlet	10	WGR13SN
		2A fused with flex outlet	10	WGR132
WGR13SN		2A switched fused with flex outlet	10	WGR13S2
WGR13SN2		2A switched fused with neon and flex outlet	10	WGR13SN2
WGR13SN5		5A fused with flex outlet	10	WGR135
		5A switched fused with flex outlet	10	WGR13S5
		5A switched fused with neon and flex outlet	10	WGR13SN5

system 10088

connection unit



- Complies with BS 5733
- Supplied with M3.5 x 25 mm long fixing screws
- **25A connection unit**
- Capacity of each terminal:
L, N: 2 x 6.0 mm²
E: 2 x 6.0 mm²
- Material: polycarbonate


















		Description	Pack qty.	Cat. Ref.
		Connection unit		
WGR25		25A connection unit with flex outlet	10	WGR25

system 10088













moulded blank plates

- Complies with BS 5733
- Supplied with M3.5 x 25 mm long fixing screws
- Material: Polycarbonate





		Description	Pack qty.	Cat. Ref.
		Blank plates		
WGV1	WGV2	Blank plate (size 1)	20	WGV1
		Blank plate (size 2)	10	WGV2

		Description	Pack qty.	Cat. Ref.
		Euro accommodation plates Accommodation plate (for 2 modules)	20	WGVE2
WGVE2	WGVE3	Accommodation plate (for 3 modules) Remarks: 1 module = 22.5 mm X 45 mm	20	WGVE3
<hr/>				
		Modules 13A universal socket (45 mm x 45 mm) **	10	WGSM13I
WGSM13I	WGSM16EA	16A 2 pin Euro American socket (22.5 mm x 45 mm) **	10	WGSM216EA
		16A 3 pin Euro American socket (45 mm x 45 mm) **	10	WGSM16EA
WGSM216EA	WGSM16EA	16A 3 pin twin Euro American socket (45 mm x 67.5 mm) **	5	WGSMT16EA
		13A BS socket (45 mm x 45 mm)	10	WGSM113
WGSM113	WGMRJ11	Keystone 4 pin telephone (22.5 mm x 45 mm)	10	WGMRJ11
		Keystone 8 pin Cat 5E Data (22.5 mm x 45 mm)	10	WGMRJ45
WGMRJ45 WGMRJ456	WGMTV75F	Keystone 8 pin Cat 6 Data (22.5 mm x 45 mm)	10	WGMRJ456
		75 Ohm "F" connection mechanism IGHZ (22.5 mm x 45 mm)	10	WGMTV75F
WGMTV75PF	WGMV1	"F" to pal type mechanism (22.5 mm x 45 mm)	10	WGMTV75PF
		Blank module (22.5 mm x 45 mm)	10	WGMV1
<hr/>				
		Motion detectors Systo 2M PIR without neutral (45mm x 45mm) **	10	WS050
WS050	WS051	Systo 2M PIR 3 wires (45mm x 45mm) **	10	WS051
<hr/>				
		Dimmers Systo 2M Rotative dimmer ferro (45mm x 45mm) **	10	WS063
WS063 WS064		Systo 2M Rotative dimmer electro (45mm x 45mm) **	10	WS064
		Systo 2M Rotative universal dimmer (45mm x 45mm) **	10	WS065
<hr/>				
		Shutter control switches Systo 2M Double 2W SW for shutters (45mm x 45mm) **	10	WS300
WS300	WS301	Systo 2M Double PB for shutters (45mm x 45mm) **	10	WS301

** for export markets only

		Description	Pack qty.	Cat. Ref.
		Decoration cover Clip on cover Carbon (size 1)	40	WGC1CA
		Clip on cover Carbon (size 2)	20	WGC2CA
		Clip on cover Titanium Grey (size 1)	40	WGC1TG
		Clip on cover Titanium Grey (size 2)	20	WGC2TG
		Clip on cover Mother of Pearl (size 1)	40	WGC1MP
		Clip on cover Mother of Pearl (size 2)	20	WGC2MP
		Clip on cover with Gold strip (size 1)	40	WGC1-GD
		Clip on cover with Gold strip (size 2)	20	WGC2-GD
		Clip on cover with Silver strip (size 1)	40	WGC1-SV
		Clip on cover with Silver strip (size 2)	20	WGC2-SV
		Clip on cover White (size 1)	40	WGC1
		Clip on cover White (size 2)	20	WGC2

system 10088
multi-gang cover

		Description	Pack qty.	Cat. Ref.
		Multi-gang cover 2 multi-gang cover (horizontal)	30	WGC2-H
		3 multi-gang cover (horizontal)	20	WGC3-H
		2 multi-gang cover (vertical)	30	WGC2-V
		3 multi-gang cover (vertical)	20	WGC3-V
				
				



WGL111CA

CA: Carbon



WGL111TG

TG: Titanium Grey



WGL111MP

MP: Mother of Pearl

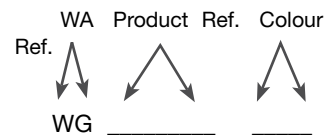
Colour specially for system 10088

system 10088

(A). Colour Code & Reference

*** All below colour for System 10088 only.

Item	Colour Reference	Colour Code
1	Carbon	CA
2	Titanium Grey	TG
3	Mother of Pearl	MP



(B). Ordering

1. If whole product is in WHITE colour:

Eg: Reference	Clip on cover	Product
WGL111	White	White



WGL111

2. If whole product is colour sprayed:

Eg: Reference	Clip on cover	Product
WGL111CA	Carbon	Carbon



WGL111CA

system 8000






With system 8000 we have developed a very slim front plate with modern aesthetically pleasing curves, the fixing screws are concealed by integral plastic caps, which ensure the product has a very clean look. The front plate colour is cool white, which provides a shiny clean finish for the modern home or office design. The very distinctive integral rocker "ON" indication ensures complete confidence in contact position.

system 8000 has obtained the British Standard (BS) certificate from NEMKO UK, an International third party laboratory.



wall switches	P.36
<hr/>	
bell switches	P.37
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dimmer and fan controller switches	P.37
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20AX, 32A & 45A double pole control switches	P.38
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5A socket outlets	P.40
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10A and 13A socket outlets	P.41
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moulded blank plates	P.43

- Complies with BS EN 60669-1 IEC 60669-1 CB certificate
- 'AX' rated - No need to derate for fluorescent loads
- Supplied with M3.5 x 25 mm long fixing screws and screw caps
- Capacity of each terminal:
3 x 1.5 mm²
2 X 2.5 mm²
- Two way switches can be wired either 1 way or 2 way
- Terminal markings denote:
L1 = one way
L2 = two way
C = common
- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
Single pole switches 10AX				
		1 gang 1 way	10	XP8110
		1 gang 2 way	10	XP8120
		2 gang 1 way	10	XP8210
		2 gang 2 way	10	XP8220
		3 gang 1 way	10	XP8310
		3 gang 2 way	10	XP8320
		4 gang 1 way	10	XP8410
		4 gang 2 way	10	XP8420
		5 gang 1 way	10	XP8510
		5 gang 2 way	10	XP8520
		1 gang intermediate switch	10	XP8001
Single pole switches 20AX				
		1 gang 1 way	10	XP8211
		1 gang 2 way	10	XP8212
		2 gang 1 way	10	XP8221
		2 gang 2 way	10	XP8222
		3 gang 1 way	10	XP8231
		3 gang 2 way	10	XP8232
		4 gang 1 way	10	XP8241
		4 gang 2 way	10	XP8242
*Red rocker series				
		1 gang 1 way	10	XP8110RED



*Remark: please contact your local sales office for this customised product.

- Complies with BS EN 60669-1 IEC 60669-1 CB certificate

- Supplied with M3.5 x 25 mm long fixing screws and screw caps

- Capacity of each terminal:
3 x 1.5 mm²
2 X 2.5 mm²

- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Single pole bell switches 10A Marked "BELL"	10	XP8910
		Marked "PRESS"	10	XP8911
XP8910	XP8911			

system 8000
dimmer and fan controller switches

- Complies with BS EN 60669-2-1 IEC 60669-2-1




- Supplied with M3.5 x 25 mm long fixing screws and screw caps

- Frequency 50/ 60Hz
- Rating 500W max

- Material: Polycarbonate

- Capacity of each terminal:
3 x 1.5 mm²
2 x 2.5 mm²

- For incandescent lamps and max 150W halogen lamps

		Description	Pack qty.	Cat. Ref.
		Dimmer switches 500W 2 way switched single	5	XP8515
		500W 2 way switched twin	5	XP8525
XP8515	XP8525			
		Fan controller 400VA 2 way switched fan control	5	XP8105
XP8105				

system 8000

20AX double pole control switches









- Complies with BS EN 60669-1 IEC 60669-1 CB certificate

- Supplied with M3.5 x 25 mm long fixing screws and screw caps

- Capacity of each terminal:
L, N: 2 X 6.0 mm²
E: 2 X 4.0 mm²

- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Double pole control switches 20AX 1 gang	10	XR8200
		1 gang with neon	10	XR8206
		1 gang double pole switch + 10AX single pole switch	10	XR8203
		1 gang double pole switch + twin 10AX single pole switch	10	XR8204
		1 gang double pole control switch with neon & flex outlet	10	XR8207
		2 gang with neon	10	XR8222

system 8000




32A and 45A double pole control switches

- Complies with BS EN 60669-1 IEC 60669-1 CB certificate

- Supplied with M3.5 x 25 mm long fixing screws and screw caps

- Capacity of each terminal:
L, N: 1 X 16.0 mm²
E: 1 X 16.0 mm²


- Material: polycarbonate

		Description	Pack qty.	Cat. Ref.
		Double pole control switches 32A with neon	10	XR8327
		45A with neon	10	XR8457
		45A DP cooker unit (size 2)	5	XR8456
				

system 8000 cooker control unit






- Complies with BS 4177
- Combined switch / sockets have double pole 45A main switch & 13A switched socket outlet
- Supplied with M3.5 x 25 mm long fixing screws and screw caps
- Capacity of each terminal:
L, N: 1 X 16.0 mm²
E: 1 X 10.0 mm²
- Marking on cooker control units: ON, OFF and circuit identification cooker and socket
- Material: Polycarbonate

	Description	Pack qty.	Cat. Ref.
	Double pole cooker control unit 45A Cooker control unit (size 2)	5	XR8458

XR8458

system 8000 special marked units











	Description	Pack qty.	Cat. Ref.																														
	Double pole control 20AX switch with special marking 1 gang with neon marked "WATER HEATER"	10	XR8206WH																														
	1 gang with neon marked "20AX"	10	XR8206AX																														
	32A with neon marked "DISH WASHER"	10	XR8327DW																														
																																	
	<table border="1"> <thead> <tr> <th>Special marks</th> <th>Abbreviation</th> <th>Special marks</th> <th>Abbreviation</th> <th>Special marks</th> <th>Abbreviation</th> </tr> </thead> <tbody> <tr> <td>"AIR CONDITIONER"</td> <td>AC</td> <td>"DRYER"</td> <td>DR</td> <td>"OVEN"</td> <td>OV</td> </tr> <tr> <td>"COOKER HOB"</td> <td>CB</td> <td>"DISH WASHER"</td> <td>DW</td> <td>"WATER HEATER"</td> <td>WH</td> </tr> <tr> <td>"COOKER HOOD"</td> <td>CH</td> <td>"FRIDGE"</td> <td>FR</td> <td>"WASHING MACHINE"</td> <td>WM</td> </tr> <tr> <td>"COMPUTER POWER"</td> <td>CP</td> <td>"20AX"</td> <td>AX</td> <td></td> <td></td> </tr> </tbody> </table> <p>(Surcharge applies)</p>	Special marks	Abbreviation	Special marks	Abbreviation	Special marks	Abbreviation	"AIR CONDITIONER"	AC	"DRYER"	DR	"OVEN"	OV	"COOKER HOB"	CB	"DISH WASHER"	DW	"WATER HEATER"	WH	"COOKER HOOD"	CH	"FRIDGE"	FR	"WASHING MACHINE"	WM	"COMPUTER POWER"	CP	"20AX"	AX				
Special marks	Abbreviation	Special marks	Abbreviation	Special marks	Abbreviation																												
"AIR CONDITIONER"	AC	"DRYER"	DR	"OVEN"	OV																												
"COOKER HOB"	CB	"DISH WASHER"	DW	"WATER HEATER"	WH																												
"COOKER HOOD"	CH	"FRIDGE"	FR	"WASHING MACHINE"	WM																												
"COMPUTER POWER"	CP	"20AX"	AX																														

XR8206WH

XR8206AX



XR8327DW

- Supplied with M3.5 x 25 mm long fixing screws and screw caps
- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
Communication and data				
		Telephone outlet (BS style master)	10	XT8001
XT8001	XT8002	Telephone outlet (BS style slave)	10	XT8002
		TV co-axial outlet	10	XT8004
XT8005	XT8007 XT8607	TV + FM connector	10	XT8005
		RJ 45 data outlet (1 mod) Cat 5e	10	XT8007
XT8010	XT8012	RJ 45 data outlet (1 mod) Cat 6	10	XT8607
		RJ 11 telephone outlet (1 mod)	10	XT8010
XT8014	XT8017	RG 6 cable TV outlet	10	XT8012
		2A telephone socket with shutter	10	XT8014
XT8017		TV + RG 6 connector without splitter	10	XT8017

system 8000
5A socket outlets

- Complies with BS 546 SS 472
- Supplied with M3.5 x 25 mm long fixing screws and screw caps
- Capacity of each terminal:
L, N: 2 x 2.5 mm²
E: 3 x 1.5 mm²
- Integral rocker design of switched sockets provide clear red 'on' indication
- Material: Polycarbonate




		Description	Pack qty.	Cat. Ref.
Socket outlets				
		5A round pin unswitched	10	XS8905
XS8905	XS8906	5A round pin switched	10	XS8906

system 8000

10A socket outlets











- Complies with IEC 60884-2-3
- Supplied with M3.5 x 25 mm long fixing screws and screw caps
- Capacity of each terminal:
L, N: 2 x 4.0 mm²
E: 3 x 2.5 mm²
- Integral rocker design of switched sockets provide clear red 'on' indication
- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
Socket outlets				
		10A 2 pin unswitched universal socket	10	XS8211
		10A 2 pin switched universal socket	10	XS8212
		10A 2 pin unswitched twin universal socket	10	XS8221

system 8000

13A socket outlets

- Complies with BS 1363-2 SS 145-2
- All terminal screws upward facing for ease of installation
- Supplied with M3.5 x 25 mm long fixing screws and screw caps
- Capacity of each terminal:
L, N: 2 X 4.0 mm²
E: 3 X 2.5 mm²
- Integral rocker design of switched sockets provide clear red 'on' indication
- Tough plastic back for durability
- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
Socket outlets				
		13A single unswitched	10	XS8113
		13A twin unswitched (size 2)	10	XS8213
		13A single switched, single pole	10	XS8114
		13A twin switched (size 2), single pole	10	XS8214
		13A single switched with neon, single pole	10	XS8117
		13A twin switched with neon (size 2), single pole	10	XS8217
		13A single switched, double pole	10	XS8113DP
		13A twin switched (size 2), double pole	10	XS8213DP



Dust preventive sticker




- * Sockets are with FREE dust preventive sticker to give additional protection during installation
- * Sockets with Red rocker switch are also available / Surcharge applies

system 8000

15A and 16A socket outlets







- Complies with BS 546 SS 472 IEC 60884 (for XS8413/ 8414) IEC 60884-1 (for XS8116IS)
- Supplied with M3.5 x 25 mm long fixing screws and screw caps
- Integral rocker design of switched sockets provide clear red 'on' indication
- Material: Polycarbonate
- Capacity of each terminal:
L, N: 2 x 4.0 mm²
E: 3 x 2.5 mm²

		Description	Pack qty.	Cat. Ref.
		Socket outlets 15A round pin unswitched	10	XS8915
		15A round pin switched	10	XS8916
		German style sockets 16A German style socket (without shutter)	10	XS8413
		16A German style socket (with shutter)	10	XS8414
		Universal socket 16A 3 pin switched universal	10	XS8116IS

system 8000

fused connection units

- Complies with BS 1363-4
- Cable clamp accommodates up to 2.5mm² flexible cords
- Supplied with M3.5 x 25 mm long fixing screws and screw caps
- All switched units are double pole
- Capacity of each terminal:
L, N: 3 x 4.0 mm²
E: 2 x 4.0 mm²
- All units fitted with a 13 Amp fuse link to BS 1362, can be supplied with 2 Amp, 5 Amp fuse link
- Optional flex outlet - for choice of use
- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Fused connection units 13A fused with flex outlet	10	XR8130
		13A switched fused with flex outlet	10	XR8131
		13A switched fused with neon and flex outlet	10	XR8137
		13A fused with neon and flex outlet	10	XR8138
		2A fused with flex outlet	10	XR81302
		2A switched fused with flex outlet	10	XR81312
		2A switched fused with neon and flex outlet	10	XR81372
		2A fused with neon and flex outlet	10	XR81382
		5A fused with flex outlet	10	XR81305
		5A switched fused with flex outlet	10	XR81315
		5A switched fused with neon and flex outlet	10	XR81375
		5A fused with neon and flex outlet	10	XR81385

system 8000 connection units



- Complies with BS 5733

- Supplied with M3.5 x 25mm long fixing screws and screw caps



25A connection unit

- Capacity of each terminal:
L, N: 2 x 6.0 mm²
E: 2 x 6.0 mm²

45A connection unit

- Capacity of each terminal:
L, N: 2 x 6.0 mm²
E: 2 x 6.0 mm²

- Material: Polycarbonate



		Description	Pack qty.	Cat. Ref.
		Connection units 25A connection unit with flex outlet	10	XR8250
		45A connection unit with flex outlet	10	XR8450
XR8250	XR8450			

system 8000 moulded blank plates

- Complies with BS 5733

- Supplied with M3.5 x 25 mm long fixing screws and screw caps

- Material: Polycarbonate

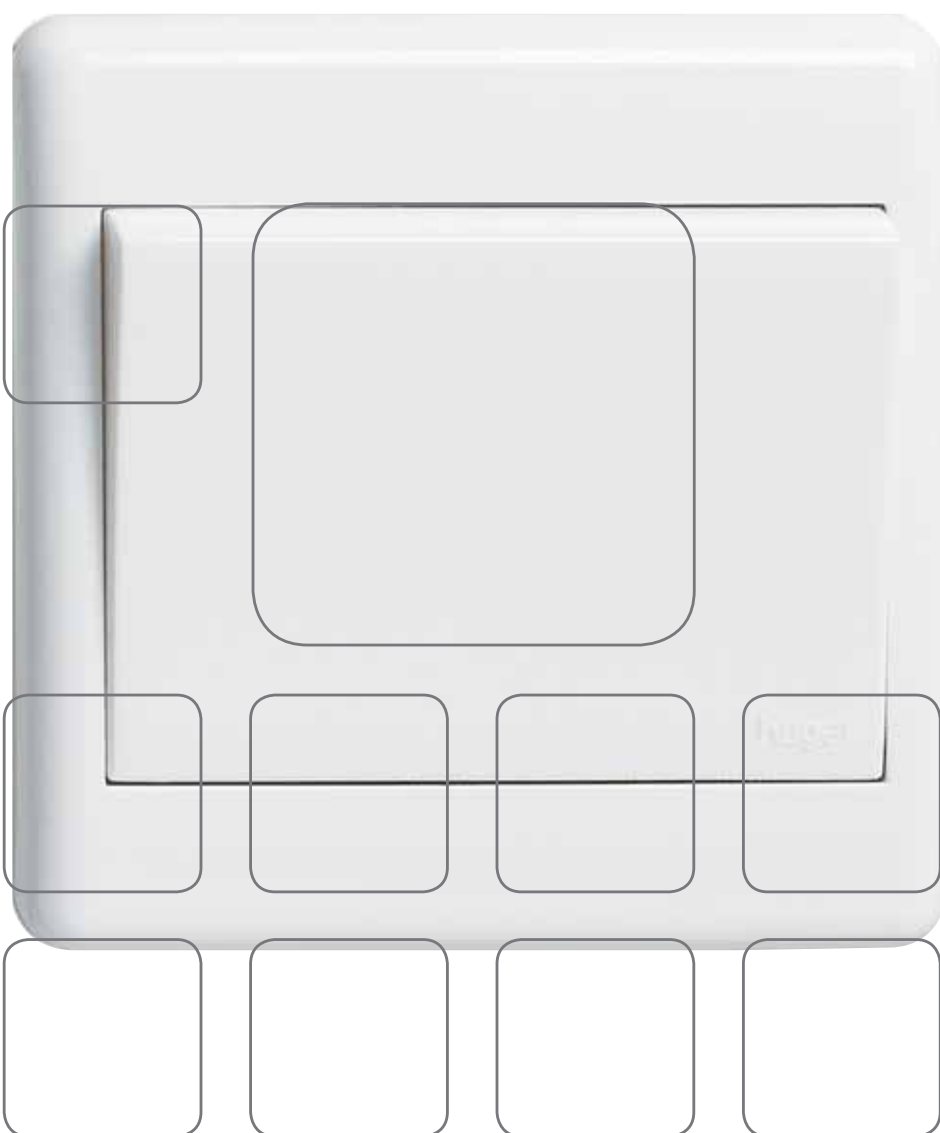
		Description	Pack qty.	Cat. Ref.
		Blank plate Blank plate (size 1)	20	XV8101
		Blank plate (size 2)	10	XV8102
XV8101	XV8102			

system 9088

The large concave rocker switch feature provides a subtle feel when switching.















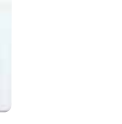
The product is available in a full range of colours and finishes, which ensures the compatibility of the switches with the interior design. The changeable clip on cover enables you to mix and match to create your own product character.

system 9088 has obtained the British Standard (BS) certificate from NEMKO UK, an International third party laboratory.



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double pole control switches	P.48
special marked units	P.48
32A & 45A double pole control switches	P.48
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fuse connection units	P.53
connection units	P.53
blank plate	P.53

- Complies with BS EN 60669-1 IEC 60669-1 CB certificate
- 'AX' rated - No need to derate for fluorescent loads
- Supplied with M3.5 x 25 mm long fixing screws
- Switches with neon for illuminated identification in the dark environment
- Capacity of each terminal: 3 x 1.5 mm² 2 X 2.5 mm²
- Two way switches can be wired either 1 way or 2 way
- Terminal markings denote: L1 = one way L2 = two way C = common
- Material: Polycarbonate




	Description	Pack qty.	Cat. Ref.
	Single pole switches 10AX 1 gang 1 way, large dolly	10	XL9110
XL9110 XL9120		10	XL9120
	1 gang 2 way, large dolly	10	XL9210
XL9210 XL9220	2 gang 1 way, large dolly	10	XL9210
	2 gang 2 way, large dolly	10	XL9220
XL9310 XL9320	3 gang 1 way, large dolly	10	XL9310
	3 gang 2 way, large dolly	10	XL9320
XL9001	4 gang 1 way, large dolly (size 2)	10	XL9410
	4 gang 2 way, large dolly (size 2)	10	XL9420
XL9410 XL9420	6 gang 1 way (size 2)	10	XP9610
	6 gang 2 way (size 2)	10	XP9620
XP9610 XP9620	8 gang 1 way (size 2)	10	XP9810
	8 gang 2 way (size 2)	10	XP9820
XP9810 XP9820	1 gang Intermediate large dolly	10	XL9001
	Single pole switches with neon 10AX 1 gang 1 way, large dolly with neon	10	XL9117
XL9117 XL9127		10	XL9127
	1 gang 2 way, large dolly with neon	10	XL9217
XL9217 XL9227	2 gang 1 way, large dolly with neon	10	XL9217
	2 gang 2 way, large dolly with neon	10	XL9227
XL9317 XL9327	3 gang 1 way, large dolly with neon	10	XL9317
	3 gang 2 way, large dolly with neon	10	XL9327
XL9227	Single pole switches 20AX 1 gang 1 way, large dolly	10	XL9211
XL9211 XL9212		10	XL9212
	1 gang 2 way, large dolly	10	XL9221-2
XL9221-2 XL9222-2	2 gang 1 way, large dolly	10	XL9221-2
	2 gang 2 way, large dolly	10	XL9222-2
XL9231 XL9232	3 gang 1 way, large dolly	10	XL9231
	3 gang 2 way, large dolly	10	XL9232
XL9241 XL9242	4 gang 1 way, large dolly (size 2)	10	XL9241
	4 gang 2 way, large dolly (size 2)	10	XL9242
XL9242			

- Complies with BS EN 60669-1 IEC 60669-1 CB certificate

- Supplied with M3.5 x 25 mm long fixing screws

- Capacity of each terminal:
3 x 1.5 mm²
2 x 2.5 mm²

- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Single pole bell switches 10A Marked "BELL" large dolly	10	XL9910
		Marked "PRESS" large dolly	10	XL9911
		Without marking large dolly	10	XL9911NM
				

system 9088
dimmer switch and fan control switches

- Complies with BS EN 60669-2-1 IEC 60669-2-1

- Supplied with M3.5 x 25 mm long fixing screws





- Frequency 50/ 60Hz

- Capacity of each terminal:
3 x 1.5 mm²
2 x 2.5 mm²

- Dimmer can control incandescent lamps only (for XL9515)

- Dimmers can control incandescent lamps and max 150W halogen lamps (for XP9515 & XP9525)

- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Dimmer switches 600W large dolly with neon single (cycle action)	10	XL9515
		500W 2 way switched single	10	XP9515
		500W 2 way switched twin	10	XP9525
				
		Fan controller 400W 2 way switched	10	XP9105

system 9088

double pole control switches







- Complies with BS EN 60669-1 IEC 60669-1 CB certificate

- Supplied with M3.5 x 25 mm long fixing screws




- Capacity of each terminal:
L, N: 2 x 4 mm²
E: 2 x 4 mm²

- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Double pole control switches 20AX 1 gang, large dolly	10	XL9200
		2 gang, large dolly	10	XL9221
		1 gang, large dolly with neon	10	XL9206
		2 gang, large dolly with neon	10	XL9222

system 9088

special marked units

		Description	Pack qty.	Cat. Ref.
		Double pole control 20AX switches with special marking 1 gang, large dolly with neon marked "WATER HEATER"	10	XL9206WH
		2 gang, large dolly with neon marked "20AX"	10	XL9222AX
		2 gang, large dolly with neon marked "WASHING MACHINE"	10	XL9222WM

Special marks	Abbreviation	Special marks	Abbreviation	Special marks	Abbreviation
"AIR CONDITIONER"	AC	"DRYER"	DR	"OVEN"	OV
"COOKER HOB"	CB	"DISH WASHER"	DW	"WATER HEATER"	WH
"COOKER HOOD"	CH	"FRIDGE"	FR	"WASHING MACHINE"	WM
"COMPUTER POWER"	CP	"20AX"	AX		

(Surcharge applies)

system 9088




32A and 45A double pole control switches

- Complies with BS EN 60669-1 IEC 60669-1 CB certificate

- Supplied with M3.5 x 25 mm long fixing screws


- Capacity of each terminal:
L, N: 1 x 16.0 mm²
E: 2 x 16.0 mm²

- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Double pole control switches 32A with neon	10	XR9327
		45A with neon	10	XR9457
		45A DP cooker unit (size 2)	10	XR9456

system 9088 cooker control unit



- Complies with BS 4177
- Combined switch / sockets have double pole 45A main switch and 13A switched socket outlet
- Capacity of each terminal:
L, N: 1 x 16 mm²
E: 1 x 10 mm²
- Material: Polycarbonate
- Supplied with M3.5 x 25 mm long fixing screws
- Marking on cooker control units: ON, OFF and circuit identification cooker and socket

Description	Pack qty.	Cat. Ref.
 Double pole cooker control unit 45A Cooker control unit (size 2)	5	XR9458

XR9458

system 9088 hotel ranges

- Complies with BS EN 60669-1 IEC 60669-1
- Supplied with M3.5 x 25 mm long fixing screws
- Material: Polycarbonate

Description	Pack qty.	Cat Ref.
 Hotel range Key tag switch with key card (time delay 60s)	5	XH9001
 "DND" & "Please clean up" switches with (RED) neon	10	XH9002
"DND" & "Please clean up" indication box with door bell switch	10	XH9003

XH9001



















XH9002



XH9003

• Supplied with M3.5 x 25 mm long fixing screws

• Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Communication and data Telephone outlet (BS style master)	10	XT9001
XT9001	XT9002	Telephone outlet (BS style slave)	10	XT9002
		FM co-axial outlet	10	XT9003
XT9003	XT9004	TV co-axial outlet	10	XT9004
		TV + FM connector	10	XT9005
XT9005	XT9006	TV + FM splitter isolator SCV outlet (size 2) (blank plate only)	10	XT9025
		TV + FM outlet with splitter	10	XT9006
XT9025		RJ45 data outlet (1 mod) Cat 5e	10	XT9007
		RJ45 data outlet (2 mod) Cat 5e	10	XT9008
XT9007 XT9607	XT9008 XT9608	RJ45 data outlet (1 mod) cat 6	10	XT9607
		RJ45 data outlet (2 mod) cat 6	10	XT9608
XT9009	XT9010	RJ11 telephone + RJ45 data outlet	10	XT9009
		RJ11 telephone outlet (1 mod)	10	XT9010
XT9011	XT9012	RJ11 telephone outlet (2 mod)	10	XT9011
		RG6 cable TV outlet	10	XT9012
XT9013		Branching terminal 5-pair tel. terminal	10	XT9013
		2A telephone socket with shutter	10	XT9014
XT9014	XT9015	TV + FM outlet (Master)	10	XT9015
		TV + FM outlet (Slave)	10	XT9016
XT9016	XT9017	TV + RG6 connector without splitter	10	XT9017

- Complies with BS EN 61558-2-5 IEC 61558-2-5
- Supplied with M3.5 x 25 mm long fixing screws
- Designed for use in bathrooms and washrooms and incorporates a double wound isolating transformer for an earth free supply. Input 230V a.c. output dual voltage 230V a.c. and 115V a.c. outlets rating 20VA on either voltage
- Capacity of each terminal: 2 x 2.5 mm²
- Primary circuit is protected by a self-resetting thermal overload device. Insertion of shaver plug automatically switches on the transformer, removal automatically switches it off. A positive interlock prevents 2 plugs being inserted simultaneously
- Material: Polycarbonate



XS9200

Description	Pack qty.	Cat. Ref.
Shaver socket 115V / 230V [20VA] (size 2)	1	XS9200

system 9088
5A socket outlets

- Complies with BS 546 SS 472
- Supplied with M3.5 x 25 mm long fixing screws
- Integral rocker design of switched sockets provide clear red 'on' indication
- Material: Polycarbonate
- Capacity of each terminal:
L, N: 2 X 2.5 mm²
E: 3 X 1.5 mm²



XS9905



XS9906

Description	Pack qty.	Cat. Ref.
Socket outlets 5A round pin unswitched	10	XS9905
5A round pin switched	10	XS9906

system 9088
10A socket outlets

- Complies with IEC 60884-2-3
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal:
L, N: 2 X 4.0 mm²
E: 3 X 2.5 mm²
- Integral rocker design of switched sockets provide clear red 'on' indication
- Material: Polycarbonate



XS9211



XS9212



XS9221









Description	Pack qty.	Cat. Ref.
Socket outlets 10A 2 pin unswitched universal socket	10	XS9211
10A 2 pin switched universal socket	10	XS9212
10A 2 pin unswitched twin universal socket	10	XS9221

system 9088

13A socket outlets



- Complies with BS 1363-2 SS 145-2
- All terminal screws upward facing for ease of installation
- Capacity of each terminal:
L, N: 2 x 4.0 mm²
E: 3 x 2.5 mm²
- Tough plastic back for durability
- Supplied with M3.5 x 25 mm long fixing screws
- Integral rocker design of switched sockets provide clear red 'on' indication
- Material: Polycarbonate

Description		Pack qty.	Cat. Ref.
Socket outlets			
 XS9113	13A single unswitched	10	XS9113
 XS9213	13A twin unswitched (size 2)	10	XS9213
 XS9114	13A single switched	10	XS9114
 XS9214	13A twin switched (size 2)	10	XS9214
 XS9117	13A single switched with neon	10	XS9117
 XS9217	13A twin switched with neon (size 2)	10	XS9217
 XS9113DP	13A single switched, double pole	10	XS9113DP
 XS9213DP	13A twin switched (size 2), double pole	10	XS9213DP



Dust preventive sticker





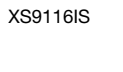
* Sockets are with FREE dust preventive sticker to give additional protection during installation

* Sockets with red rocker are also available/ surcharge applies





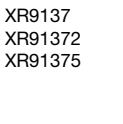
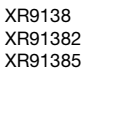
system 9088

15A and 16A socket outlets

- Complies with BS 546 SS 472 IEC 60884 (for XS9413/ XS9414) IEC 60884-1 (for XS9116IS)
- Supplied with M3.5 x 25 mm long fixing screws
- Integral rocker design of switched sockets provide clear red 'on' indication
- Material: Polycarbonate
- Capacity of each terminal:
L, N: 2 X 4.0 mm²
E: 3 X 2.5 mm²



Description		Pack qty.	Cat. Ref.
Socket outlets			
 XS9915	15A round pin unswitched	10	XS9915
 XS9916	15A round pin switched	10	XS9916
German style sockets			
 XS9413	16A German style (without shutter)	10	XS9413
 XS9414	16A German style (with shutter)	10	XS9414
 XS9116IS	Universal socket 16A 3 pins switched universal	10	XS9116IS

- Complies with BS 1363-4
- Cable clamp accommodates up to 2.5mm² flexible cord
- Capacity of each terminal:
L, N: 3 X 4.0 mm²
E: 2 X 4.0 mm²
- Material: polycarbonate
- Supplied with M3.5 x 25 mm long fixing screws
- All units fitted with a 13A fuse link to BS 1362, can be supplied with 2A, 5A fuse link.
- Optional flex outlet - for choice of use

		Description	Pack qty.	Cat. Ref.
		Fused connection units 13A fused with flex outlet	10	XR9130
		13A switched fused with flex outlet	10	XR9131
		13A switched fused with neon and flex outlet	10	XR9137
		13A fused with neon and flex outlet	10	XR9138
		2A fused with flex outlet	10	XR91302
		2A switched fused with flex outlet	10	XR91312
		2A switched fused with neon and flex outlet	10	XR91372
		2A fused with neon and flex outlet	10	XR91382
		5A fused with flex outlet	10	XR91305
		5A switched fused with flex outlet	10	XR91315
		5A switched fused with neon and flex outlet	10	XR91375
		5A fused with neon and flex outlet	10	XR91385

system 9088
connection units

- Complies with BS 5733
- Supplied with M3.5 x 25 mm long fixing screws
- **25A connection unit**
• Capacity of each terminal:
L, N: 2 x 6.0 mm²
E: 2 x 6.0 mm²
- **45A connection unit**
• Capacity of each terminal:
L, N: 2 x 6.0 mm²
E: 2 x 6.0 mm²
- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Connection units 25A connection unit with flex outlet	10	XR9250
		45A connection unit with flex outlet	10	XR9450

system 9088
blank plate

- Complies with BS 5733
- Supplied with M3.5 x 25 mm long fixing screws
- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref.
		Blank plates Blank plate (size 1)	20	XV9101
		Blank plate (size 2)	10	XV9102

Stainless steel

Stainless steel series incorporates double pole switched sockets, fused connection units, communication, connection unit, blank plates.

Brushed Chrome finishing of this range provides stylish appearance to complement any setting, whether in the office, hotel or at home. The products are highly scratch resistant with an epoxy lacquer finish, the products will maintain their appearance for many years.

Stainless Steel series has obtained the British Standard (BS) certificate from intertek, an international third party laboratory.



Intertek


wall switches	P.56
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bell switches	P.56
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20, 32A and 45A double pole control switches	P.57
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communication & data	P.57
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blank plates	P.58
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13A socket outlets	P.58
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15A socket outlets	P.59
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fused connection units	P.59
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connection unit	P.59

Stainless steel 20A double pole control switch

- Complies with BS EN 60669-1 IEC 60669-1

- Supplied with M3.5 x 25 mm long fixing screws

- Capacity of each terminal: 3 x 2.5 mm² conductor



	Description	Pack qty.	Cat. Ref.
	Double pole control switch 20A 1 gang with neon	10	XR206SS

Stainless steel 32A and 45A double pole control switches

- Complies with BS EN 60669-1 IEC 60669-1




- Supplied with M3.5 x 25 mm long fixing screws

- Capacity of each terminal: 1 x 16 mm² conductor
1 x 10 mm² earth conductor

	Description	Pack qty.	Cat. Ref.
	Double pole control switches 32A with neon	10	XR327SS
	45A with neon	10	XR457SS

Stainless steel communication and data

- Supplied with M3.5 x 25mm long fixing screws

	Description	Pack qty.	Cat. Ref.
	Communication and data RJ 45 data outlet (1 mod)	10	XT007SS
	RJ 45 data outlet (2 mod)	10	XT008SS
	RJ 11 data outlet (1 mod)	10	XT010SS

Stainless steel blank plates

- Supplied with M3.5 x 25 mm long fixing screws

		Description	Pack qty.	Cat. Ref.
		Black plate Blank plate (size 1)	20	XV102SS
		Blank plate (size 2)	10	XV202SS

XV102SS XV202SS

Stainless steel 13A socket outlets

- Complies with BS 1363-2 SS 145-2
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal: 4 x 2.5 mm² conductors switched; 4 x 2.5 mm² unswitched
- Tough plastic back for durability
- Double pole switching mechanism

		Description	Pack qty.	Cat. Ref.
		Socket outlets 13A single unswitched	10	XS113SS
		13A twin unswitched (size 2)	5	XS213SS
		13A single switched, double pole	10	XS114SS
		13A twin switched (size 2), double pole	5	XS214SS
		13A single switched with neon, double pole	10	XS115SS
		13A twin switched with neon (size 2), double pole	5	XS215SS



XS113SS XS213SS

XS114SS XS214SS

XS115SS XS215SS






Stainless steel 15A socket outlets

- Complies with BS 546
SS 472
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal:
3 x 2.5 mm² conductors
3 x 2.5 mm² earth conductors

		Description	Pack qty.	Cat. Ref.
		Socket outlets 15A round pin switched, double pole	10	XS916SS
		15A round pin switched with neon, double pole	10	XS917SS


Stainless steel fused connection units

- Complies with BS 1363-4
- All switched units are double pole
- Supplied with M3.5 x 25 mm long fixing screws
- Cable clamp accommodates up to 2.5 mm² flexible cord
- Capacity of each terminal:
switched: 4 x 2.5 mm²
unswitched: 4 x 2.5 mm²
conductors
- All units fitted with a 13 Amp fuse link to BS 1362, can be supplied with 2 Amp, 5 Amp fuse link
- Optional flex outlet - for choice of use

		Description	Pack qty.	Cat. Ref.
		Fused connection units 13A fused with flex outlet	10	XR130SS
		13A switched fused with flex outlet	10	XR131SS
		13A switched fused with neon	10	XR134SS
		13A switched fused with neon and flex outlet	10	XR137SS
		13A fused with neon and flex outlet	10	XR138SS
				

Stainless steel connection unit

- Complies with BS 5733
- Supplied with M3.5 x 25 mm long fixing screws
- Capacity of each terminal:
L, N: 2 x 6.0 mm²
E: 2 x 6.0 mm²

		Description	Pack qty.	Cat. Ref.
		Connection unit 25A connection unit with flex outlet	10	XR250SS

Metal clad

Metal clad series incorporates double pole switched sockets, fused connection units.





The hard-wearing range of Metal clad accessories is designed to withstand the toughest conditions and heaviest knocks, particularly in industrial installations. The front plate is coated with a two layer tough paint finish and will maintain its good looks through years of hard labour.

Metal clad series has obtained the British Standard (BS) certificate from intertek, an international third party laboratory.



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20A double pole control switches	P.62
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45A double pole control switches	P.62
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13A socket outlets	P.63
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15A socket outlets	P.63
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fuse connection units	P.63

- Complies with BS EN 60669-1 IEC 60669-1
- 'AX' rated - No need to derated for fluorescent loads
- Supplied with M3.5 x 14 mm long fixing screws
- 1, 2, 3 and 4 gang units supplied with a two knockout matching surface box
- Capacity of each terminal:
2 x 2.5 mm² conductors
5 x 1.5 mm² earth terminal (box)
- Other switches are available without mounting boxes on request
- Knockouts accept 20 mm diameter conduit
- Earth terminal supplied with each box

	Description	Pack qty.	Cat. Ref.
	Single pole switches 10AX 1 gang 2 way	10	XP120MC
	2 gang 2 way	10	XP220MC
	3 gang 2 way	10	XP320MC
	4 gang 2 way (size 2)	5	XP420MC


Metal clad 20A double pole control switch

- Complies with BS EN 60669-1 IEC 60669-1
- Supplied with M3.5 x 14 mm long fixing screws
- Capacity of each terminal:
3 x 2.5 mm² conductor

	Description	Pack qty.	Cat. Ref.
	Double pole control switch 20A 1 gang with neon	10	XR206MC



Metal clad 45A double pole control switch

- Complies with BS EN 60669-1 IEC 60669-1
- Supplied with M3.5 x 14 mm long fixing screws
- Capacity of each terminal:
1 x 16 mm² conductor
1 x 10 mm² earth conductor

	Description	Pack qty.	Cat. Ref.
	Double pole control switch 45A 1 gang with neon	10	XR457MC


Metal clad 13A socket outlets

- Complies with BS 1363-2 SS 145-2
- Supplied with M3.5 x 14 mm long fixing screws
- Capacity of each terminal: 4 x 2.5 mm²
- Double pole switching mechanism
- All terminal screws upward facing for ease of installation
- Tough plastic back for durability

		Description	Pack qty.	Cat. Ref.
		Socket outlets 13A single switched, double pole 13A twin switched (size 2), double pole	10 5	XS114MC XS214MC
		13A single switched with neon, double pole 13A twin switched with neon (size 2), double pole	10 5	XS115MC XS215MC


Metal clad 15A socket outlets

- Complies with BS 546 SS 472
- Supplied with M3.5 x 14 mm long fixing screws
- Capacity of each terminal: 3 x 2.5 mm² conductors
3 x 2.5 mm² earth conductors

		Description	Pack qty.	Cat. Ref.
		Socket outlets 15A round pin switched	10	XS916MC

Metal clad fused connection units

- Complies with BS 1363- 4
- Supplied with M3.5 x 14 mm long fixing screws
- Capacity of each terminal: 4 x 2.5 mm²
- Optional flex outlet - for choice of use
- All switched units are double pole
- Cable clamp accommodates up to 2.5 mm² flexible cord
- All units fitted with a 13 Amp fuse link to BS 1362, can be supplied with 2 Amp, 5 Amp fuse link

		Description	Pack qty.	Cat. Ref.
		Fused connection units 13A switch fused with neon 13A switch fused with neon and flex outlet	10 10	XR134MC XR137MC

IP66

For the toughest environment

Total protection from dust and water

Manufactured from a tough, durable thermoplastic, the IP66 range is ideal for indoor and outdoor applications where wiring accessories may be vulnerable to the potentially harmful effects of dust or water ingress. The IP66 rating assures total protection against airborne particles and high pressure water jets.



New

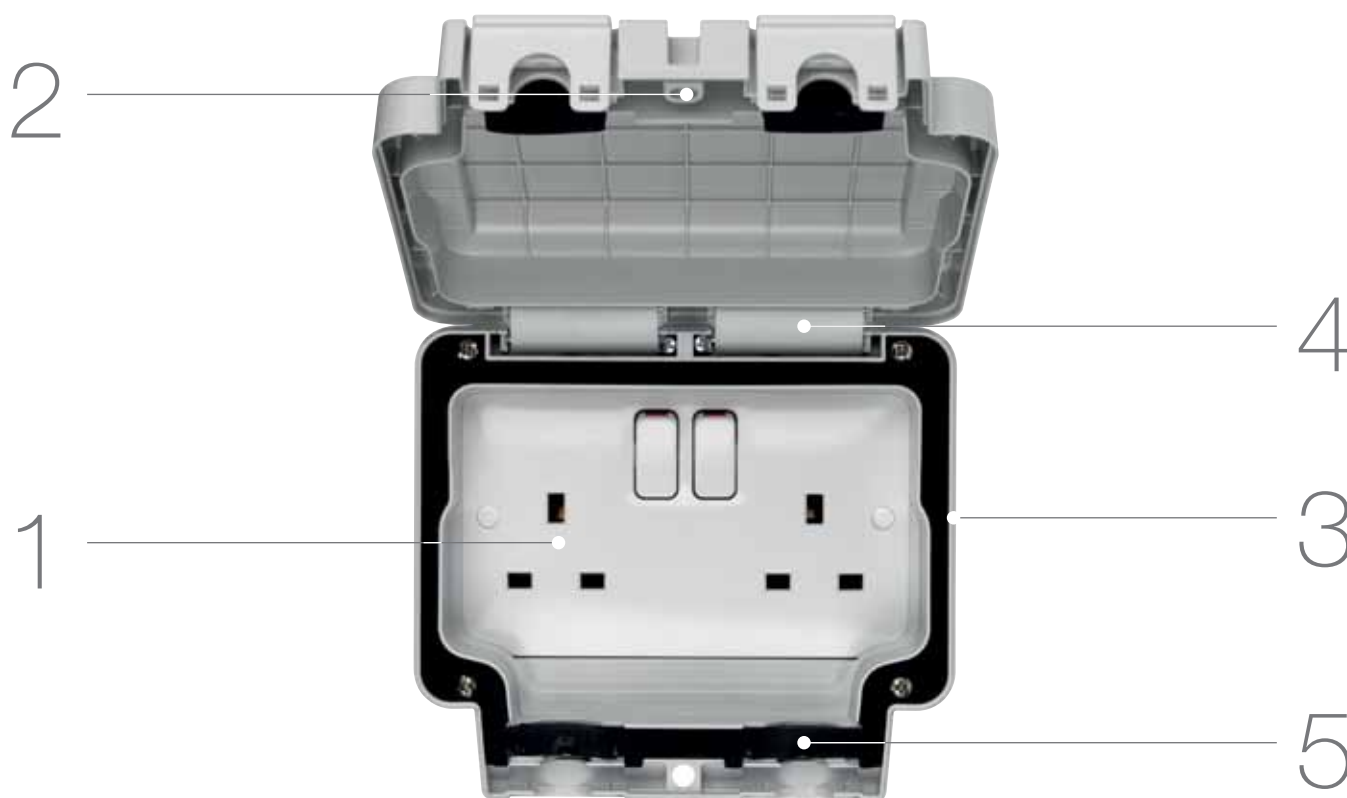
IP66 switches	P.68
IP66 socket outlets	P.68
IP66 Fused connection unit	P.68
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IP66

Beautifully safe

With its rugged good look and ease of operation you can be sure that IP66 will provide protection for your wiring accessories in even the toughest of environment.

A host of innovative design solutions provide both installer and end user with a range of products that is easy to work with and retain their good looks whatever the environment throws at them.



The advantages for you:

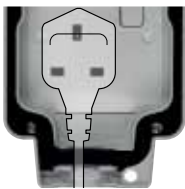
- IP66 complete protection from dust and high pressure water jets
- Easy to open catch and unique 180° opening lid
- Suitable for moulded on plugs
- Padlock can be fitted to prevent unauthorised use

Technical data:

- IP66 rating conforms to IEC/ BS EN 60529
- Functional products tested and certified to appropriate British/ IEC Standards. Product range has been independently tested and certified

Expert tips

1



Suitable for moulded-on plugs

Extended enclosure and extra wide gel seal means even moulded on plugs can be accommodated.

2



Padlockable

A padlock of up to 5mm diameter shank can be fitted to the enclosure to prevent unauthorised use.

3



Knockouts

20mm cable entry knockouts are secure and easily removed by pushing out from the inside of the back box.

4



180°

With its unique dual action hinge, the lid of the box can be opened a full 180 degrees for ease of plug insertion and switch operation.

5



Soft sealing

The factory fitted soft gel seal fits snugly around power cables to maintain the IP66 rating in use with the lid fully closed.

6



Drill Out

If 25mm conduit is needed, then a clearly marked drill out position allows safe and precise use of a 25mm hole saw.

7



Drain

The drain feature can be drilled out using a 5mm drill (opening the drain hole will reduce the IP rating of the product).

Complies with

- 13A socket outlets comply with BS 1363-2 & SS 145 part 2
- 15A socket outlets comply with BS 546 & SS 472
- Fused connection units comply with BS 1363-4
- IP66 rating conforms to IEC/ BS EN 60529

- Robust and rugged enclosures designed to withstand the elements.

Socket outlets

- Unique double hinge allows lid to fully open through 180°.
- Fixing point for padlock.

• Cable entries:

- 90 x 90 = 4x20, 1x20 & 1x25
- 103 x 116.5 = 4x20, 1x20 & 1x25
- 164 x 116.5 = 6x20, 1x20 & 1x25

New



WXPPS12



WXPPS22



WXPSS81



WXPSS82

Description	Dimension (mm) h x w	Pack qty.	Cat. Ref.
Wall switches			
10AX 1 gang 2 way switch	90 x 90	1	WXPPS12
10AX 2 gang 2 way switch	90 x 90	1	WXPPS22
20AX double pole 1gang 1 way switch	90 x 90	1	WXPD84
20AX double pole 1 gang 1 way switch with neon	90 x 90	1	WXPD84N
20AX double pole 2 gang 1 way switch	90 x 90	1	WXPD842
10A 1 gang bell push switch	90 x 90	1	WXPPS12B
Socket outlets			
13A 1 gang unswitched socket	103 x 116.5	1	WXPS81
13A 1 gang double pole switched socket	103 x 116.5	1	WXPSS81
13A 1 gang double pole switched socket with neon	103 x 116.5	1	WXPSS81N
13A 2 gang unswitched socket	164 x 116.5	1	WXPS82
13A 2 gang double pole switched socket	164 x 116.5	1	WXPSS82
13A 2 gang double pole switched socket with neon	164 x 116.5	1	WXPSS82N
15A 1 gang double pole switched socket	103 x 116.5	1	WXPSS115
Fused connection unit			
13A DP switched fused connection unit with flex outlet	103 x 116.5	1	WXPSSU83FO
13A unswitched fused connection unit with flex outlet	103 x 116.5	1	WXPSU83FO

Description:

The range of IP66 isolators are designed to be used in outdoor applications with IP66 degree of protection. They are rated at AC22A and AC23A offer options of 2, 3 poles and 4 poles with switched neutral. They are compact and easy to install with 2 screw quick release top cover

• **Complies with**

- BS EN 60947-3
- IEC 60947-3
- AS 3947-3

Rated voltage: 250V ~ AC
440V ~ AC

Rating AC22A is for switching of mixed resistive and inductive loads, including moderate overloads.

Rating AC23A is for switching of motor loads or other highly inductive loads.

Mechanical specification:

Protection Category: IP66

Material: Polycarbonate – UV grade.

Devices & accessories:

DP 20-40A
TP & N 20-40A

TP & SW N 20-63A



JG220U



JG320IN



JG380S

Description	Pack qty.	Cat. Ref.
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Rating: AC22A

2 pole

20A 2 pole IP66	1	JG220U
32A 2 pole IP66	1	JG232U
40A 2 pole IP66	1	JG240U
63A 2 pole IP66	1	JG263U

3 pole

20A 3 pole IP66	1	JG320U
32A 3 pole IP66	1	JG332U
40A 3 pole IP66	1	JG340U

3 pole + switched neutral

20A 4 pole IP66	1	JG420U
32A 4 pole IP66	1	JG432U
40A 4 pole IP66	1	JG440U
63A 4 pole IP66	1	JG463U

Rating: AC23A

2 pole

20A 2 pole IP66	1	JG220IN
32A 2 pole IP66	1	JG232IN
40A 2 pole IP66	1	JG240IN
63A 2 pole IP66	1	JG263IN

3 pole

20A 3 pole IP66	1	JG320IN
32A 3 pole IP66	1	JG332IN
40A 3 pole IP66	1	JG340IN

3 pole + switched neutral

20A 4 pole IP66	1	JG420IN
32A 4 pole IP66	1	JG432IN
40A 4 pole IP66	1	JG440IN
63A 4 pole IP66	1	JG463IN

Rating: AC22A

3 pole

80A 3P IP65 isolator	1	JG380S
125A 3P IP65 isolator	1	JG325S

- **Complies with**
BS EN 61558-1:1998
BS EN 61558-2-8:1999
IEC 60335-1

XC001
Dimension:
105mm (w) x 168mm (h) x 45mm (d)

Power source: 220-240V AC 50Hz
Transformer output: 6VDC

XC002
Dimension:
105mm (w) x 168mm (h) x 45mm (d)

Power source:
4 x 1.5V R14C batteries

- Only dingdong sound



XC001

XC002

Description	Pack qty.	Cat. Ref.
Doorbells 220-240V AC 50Hz	1	XC001
4 X 1.5V R14C batteries	1	XC002

Door chime

- **Complies with**
BS EN 62080
IEC 62080

- 250V AC or 4.5V DC (AAA x 3)
- Frequency 50/ 60 Hz

- With adjustable melody / ding dong sound
- Supplied with M3.5 x 25mm long fixing screws

- Material: Polycarbonate



WXEDC01



WGDC01



XD9001

Description	Pack qty.	Cat. Ref.
Door chime For stylea	10	WXEDC01
For system 10088	10	WGDC01
For system 9088	10	XD9001

- Complies with BS EN 7288:1990
- Voltage: 220/ 240 ac 50/60Hz
- Rated trip current: 30mA
- **RCD section:**
 - Double pole
 - Breaking capacity: 250A on earth fault
- Through fault withstand current: 1500A
- Tripping: Less than 40mS at 150mA

Description		Pack qty.	Cat. Ref.
RCD sockets			
13A single switched, latching		1	WGS114RCD
13A twin switched, latching (size 2)		1	WGS214RCD



WGS114RCD WGS214RCD

Floor mounting socket

- Complies with BS 1363-2
- **Technical data**
 - 250V 13A
 - Single and Twin
- Terminals capable of taking:
 - 3 x 2.5 mm²
 - 2 x 4 mm²
- Material: Stainless steel

Description		Pack qty.	Cat. Ref.
Floor mounting socket			
13A single unswitched floor mounting socket		10	XS113FM
13A twin unswitched floor mounting socket (size 2)		5	XS213FM



XS113FM

XS213FM
















Floor socket frame

- Supplied with M4 x 40 mm long fixing screws
- Supplied with quick connection terminals
- Capacity of each terminal:
 - L, N: 2 X 2.5 mm²
 - E: 2 X 2.5 mm²
- Material: Stainless steel

Description		Pack qty.	Cat. Ref.
Floor socket frame			
Brushed steel frame		1	WGFFVE3BS



WGFFVE3BS

		Description	Pack qty.	Cat. Ref.
		Modules 13A universal socket (45 mm x 45 mm) **	10	WGSM13I
WGSM13I	WGSM16EA	16A 2 pin Euro American socket (22.5 mm x 45 mm) **	10	WGSM216EA
		16A 3 pin Euro American socket (45 mm x 45 mm) **	10	WGSM16EA
WGSM216EA	WGSM16EA	16A 3 pin Twin Euro American socket (45 mm x 67.5 mm) **	5	WGSMT16EA
		13A BS socket (45 mm x 45 mm)	10	WGSM113
		Keystone 4 pin telephone (22.5 mm x 45 mm)	10	WGMRJ11
WGSM113	WGMRJ11	Keystone 8 pin Cat 5E Data (22.5 mm x 45 mm)	10	WGMRJ45
		Keystone 8 pin Cat 6 Data (22.5 mm x 45 mm)	10	WGMRJ456
WGMRJ45 WGMRJ456		75 Ohm "F" connection mechanism IGHZ (22.5 mm x 45 mm)	10	WGMTV75F
		"F" to pal type mechanism (22.5 mm x 45 mm)	10	WGMTV75PF
WGMRJ45 WGMRJ456	WGMTV75F	Blank module (22.5 mm x 45 mm)	10	WGMV1
		10AX switch module (22.5mm x 45mm)	10	WS012
		16A Schuko socket (45mm x 45mm) **	10	WS161
WGMTV75PF	WGMV1	** for export markets only		
				
WS012	WS161			

Lampholders

Straight BC batten

- Complies with BS EN 61184:1997





Ceiling rose

- Complies with BS 67

Pattress box

- Complies with BS 5732

- 2 earth terminals
- Feet on base to add mounting on uneven surfaces

		Description	Pack qty.	Cat. Ref.
		Lampholders 3 terminal, home office shield BC batten (pin type)	10	XB8001
XB8001	XB8002	3 terminal, home office shield BC batten (screw type)	10	XB8002
		Ceiling rose	10	XB8003
XB8003	XB8004	Plastic pattress box for lampholder	20	XB8004

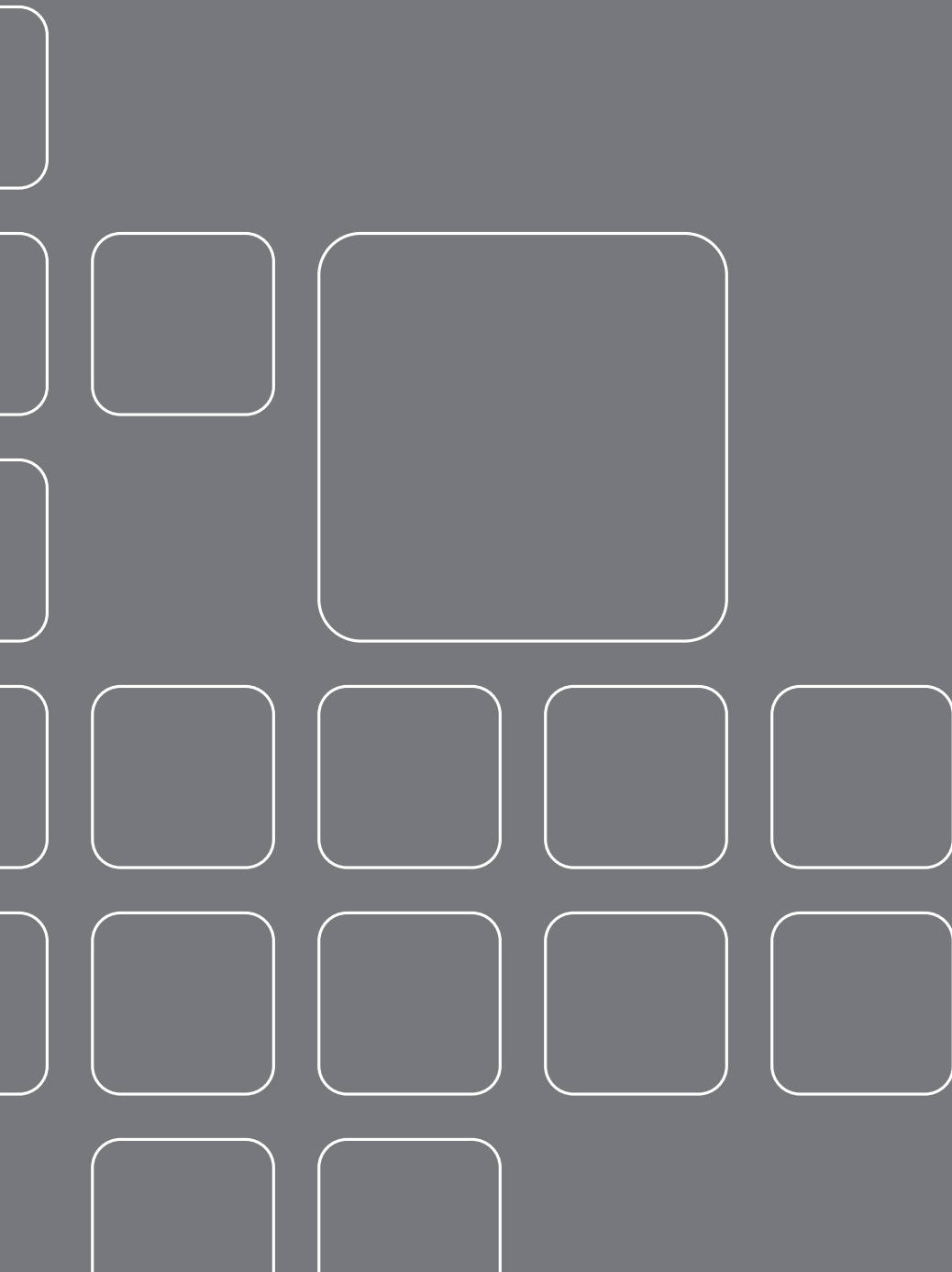
- Complies with BS 5733
- Colour and size match to hager 8000, 9000, 9088, 10088 series White WA
- Knockouts are provided on the base and sides for cable entry
- With earth terminal
- Material: PVC

	Description	Pack qty.	Cat. Ref.
	Mounting box 35mm depth (size 1)	10	XB8351
	Mounting box 47mm depth (size 1)	10	XB8471
	Mounting box 35mm depth (size 2)	10	XB8352
	Mounting box 47mm depth (size 2)	10	XB8472

WA covers

	Description	Pack qty.	Cat. Ref.
	WA cover for switch	10	XC9001
	WA cover for socket	10	XC9002
	IP55 WA cover	40	XC9003
	IP55 WA cover (size 2)	40	XC9004

Technical information



product standard	P.76 - 78
<hr/>	
CE marking	P.79
<hr/>	
ingress protection	P.80
<hr/>	
circuit diagram	P.81 - 85
<hr/>	
IP product - dimension	P.86
<hr/>	
IP65 / 66 isolator	P.87

Compliance with standards

Regulation 511-01-01 of BS 7671 : Requirements for Electrical Installations, IEE Wiring Regulations Sixteenth Edition is of particular importance to specifiers and installers with respect to product standards.

Regulation 511-01-01 requires every item of equipment to comply with the relevant requirements of the applicable British Standard, or Harmonised Standard appropriate to the intended use of the equipment.

British Standards (BS)

The BSI (British Standards Institution) was the first national standards body in the world. There are now more than 100 similar organisations which belong to the International Organisation for Standardisation (ISO) and the International Electrotechnical Commission (IEC).

British Standards are drawn up by all those who have a particular interest in the subject i.e. manufacturers, users, research organisations, government departments and consumers. This work is co-ordinated by BSI staff, acting as secretaries to the committees where the work is done. All standards are made available for public comment before they are published.

Harmonised standards

A Harmonised standard is a European standard formally presented by CENELEC, to the European Commission and published in the commission's official journal. CENELEC is the Comité Européen de Normalisation Electrotechnique i.e. European Committee for Electrotechnical Standardisation.

BS 7671 part 2 defines a harmonised standard as a standard which has been drawn up by common agreement between national standards bodies notified to the European Commission by all member states and published under national procedures. The UK national standards body is the British Standards Institution. In the UK a harmonised standard will normally be published as a British Standard European Norm i.e. BS EN.

British Standard European Norm (BS EN)

CENELEC European standards are pre-fixed EN (European Norm). Adoption of the European Standard within the EC is mandatory and member countries of CENELEC are obliged to publish them unchanged. In the UK such standards are further endorsed with the additional prefix 'BS', for example BS EN 60669-1 : 1996 is the British Standard European Norm for Switches for household and similar fixed electrical installations.

Whilst a European Standard can be a direct replica of an IEC standard, discussions within CENELEC may result in the formulation of a standard which includes commonly agreed variations and Special National Conditions.

International Electrotechnical Commission (IEC)

Founded in 1906 the International Electrotechnical Commission (IEC) is the world organisation that prepares and publishes international standards for all electrical, electronic and related technologies. The membership consists of 60 participating countries, including all the world's major trading nations and a growing number of industrialising countries.

Foreign national standards based on IEC standards are permitted to be used by BS 7671. However the specifier must verify that any differences between the foreign standard and the corresponding British Standard or Harmonised Standard does not result in any lesser degree of safety than that afforded by compliance with the British Standard. This assessment would probably need to be made by specialists.

Conclusion

BS 7671 (IEE Wiring Regulations) recognises equipment which complies with a British Standard or Harmonised Standard appropriate to the intended use of the equipment without the need for further qualification.

Hager products have always been designed and manufactured to a high standard to ensure compliance with the current British or Harmonised Standard. See the table below for further information. Modiam in utetuo commolumsan vullamet nonulput luptat nim ipit nit nit irit, voloreet velit, quam do estrud modoles equatet veliscilit in ulputpat. Dui tatisse quisi.

Product description	BS / IEC number	Description
Switches	BS EN 60669-1 : 2000 IEC 60669-1 Ed.3.2b:2007 CB certificate	Switches for household and similar fixed electrical installations
Indicators	BS 5733 : 1995	General requirements for Electrical Accessories
Fused connection unit, cord outlets	BS 5733 : 1995	Switches for household and similar fixed electrical installations with particular requirements for timedelay switches (TDS)
Dimmers	BS EN 60669-2-3: 2006	Switches for household and similar fixed electrical installations with particular requirements for timedelay switches (TDS)
Frames and plates	BS 5733 : 1995	Switches for household and similar fixed electrical installations with particular requirements for timedelay switches (TDS)
Boxes	BS 4662 : 1980 or IEC 60670-1:2002	Specification for boxes for the enclosure of electrical accessories

Product description	BS number	Description
10 Amp Wall switch	BS EN 60669-1: 2000 IEC 60669-1 Ed.3.2b:2007 CB certificate	Switches for household and similar fixed electrical installations
Dimmer switches	BS EN 60669-2-1: 2004 IEC 60669-2-1 Ed.4.0b: 2002	Electronic variable control switches (dimmer switches) for tungsten filament lighting
13 Amp Socket Outlets	BS 1363 : Part 2 : 1995 SS145	13A plugs, socket-outlets, adaptors and connection units
15 Amp Switched Socket	BS 546 : 1950 (1988) SS472	Specification. Two-pole and earthing-pin plugs, socket-outlets and socket-outlet adaptors
20 Amp D.P. Switches	BS EN 60669-1 : 2000 IEC 60669-1 Ed.3.2b: 2007 CB certificate	Switches for household and similar fixed electrical installations
13 Amp Fused Connection Unit	BS 1363 : Part 4 : 1995	Specification for 13A fused connection units switched and unswitched
45 Amp D.P. Switches	BS EN 60669-1 : 2000 IEC 60669-1 Ed.3.2b: 2007 CB certificate	Switches for household and similar fixed electrical installations
45 Amp Cooker Control Unit	BS 4177 : 1992	Cooker control units
Shaver Socket Outlet	BS EN 61558-2-5: 1998 IEC 61558-2-5: 1997	General Requirements Isolating transformers and safety isolating transformers Electromagnetic compatibility, immunity requirements for household CB certificate appliances tools and similar apparatus.
25 Amp/ Amp Flex Outlet Plate	BS 5733: 1995	General Requirements for Electrical Accessories
BS Batten	BS EN 61184:1997	Home office shield are T2 rated
Ceiling rose	BS 67	

Objective of CE marking.

CE marking is a “technical passport” which indicates that a product conforms to all relevant directives which require CE marking, thus enabling the product to travel within the E.U.

A directive is a piece of mandatory European Legislation implemented by regulations in all member countries. Its purpose is to allow free movement of goods that are safe and fit for use into and within the European Union.

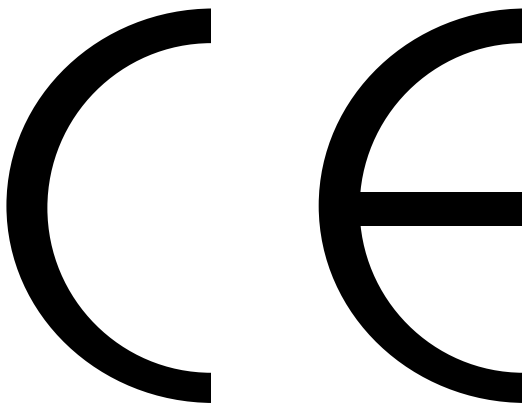
CE marking is not a quality mark and it does not indicate that any testing or certification has been carried out.

The marking.

CE marking is a statement by the manufacturer that the product complies with the essential requirements of all relevant Directives, notably in the area of technical safety and conformity assessment.

CE marking can appear on the product or packaging or documentation or combination thereof dependant upon which directive it has to comply with.

CE marking is a very specific graphical symbol and must be clearly separated from other marks.

**Directives.**

It is the responsibility of the manufacturer or his authorised representative who places the product onto the EC market to decide which Directive(s) apply and to ensure the CE marking is affixed by the dates stated in the relevant directive(s)

For the majority of Hager products only one directive is applicable this is referred to as the Low Voltage Directive. Where some products incorporate electronic devices the Low voltage Directive and the Electromagnetic Compatibility Directive are applicable.

The Low Voltage Directive.

EC directives are requirements adopted by the European Council and published in the Official Journal of the European Communities and are addressed to the member states.

European Council Directive 73/23/EEC with an amendment 93/68/EEC is known as the Low Voltage Directive.

The Low Voltage Directive has been implemented into UK law by the “Electrical Equipment (Safety) Regulations 1994” and apply to all electrical / electronic equipment operating at a voltage of 50-1000 V a.c. or 75-1500 V d.c.. They do not apply to plugs, socket outlets and adapters which are covered by the Plugs and Sockets (Safety) Regulations 1994.

Relationship between the Electrical Equipment (Safety) Regulations, Harmonised standards and the IEE Wiring Regulations Sixteenth Edition.

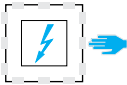
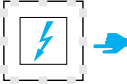
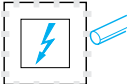
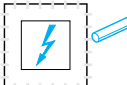
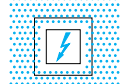

The Electrical Equipment (Safety) Regulations requires electrical equipment to be safe. Electrical equipment which satisfies the safety provisions of Harmonised standards shall be taken to comply with this requirement, unless there are reasonable grounds for suspecting that the equipment does not so comply.

Regulation 511-01-01 of BS 7671 Requirements for Electrical Installations, IEE Wiring Regulations Sixteenth Edition requires every item of equipment to comply with the relevant requirements of the applicable British Standard, or Harmonised Standard appropriate to the intended use of the equipment.

The Ingress Protection (IP) for all low voltage enclosures up to 1000 V a.c. and 1500 V d.c. is defined in identical fashion by the standards EN 605 29 - IEC 529 it comprises the letters IP followed by two character numerals:






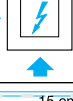
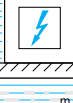

The first character numeral indicated the degree of protection provided by the enclosure with respect to persons, also to the equipment inside the enclosure.

The first character numeral:
protection against solid substances

IP	Description
0	Non-protected
1	 Protected against solid objects greater than 50mm
2	 Protected against solid objects greater than 12.5mm
3	 Protected against solid objects greater than 2.5mm
4	 Protected against solid objects greater than 1.0mm
5	 Dust-protected
6	 Dust-tight

The second character numeral indicated the degree of protection provided by the enclosure with respect to harmful ingress of water; a third character may be used to indicate mechanical strength. An x signifies that no test has been carried out.

The second character numeral:
protection against liquid substances

IP	Description
0	Non-protected
1	 Protected against dripping water
2	 Protected against dripping water when tilted up to 15°
3	 Protected against spraying water
4	 Protected against splashing water
5	 Protected against water jets
6	 Protected against heavy seas
7	 Protected against the effect of immersion
8	 Protected against submersion

Additional letter (in option)

Protection of people against access to dangerous parts

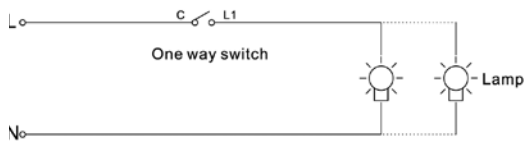
	Description
A	Protected against access of the back of the hand
B	Protected against access of a finger
C	Protected against access of a tool - ø 2.5mm
D	Protected against access of a tool - ø 1mm

Additional letter (in option)

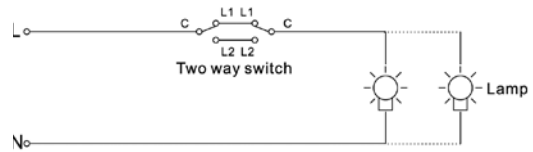
Specific information on the product

	Description
H	High voltage material
M	Movements during water test
S	Stationary during water test
W	Bad weather

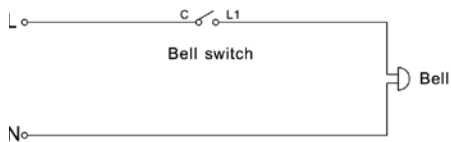
One way switch



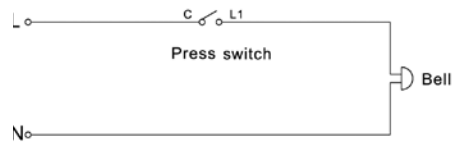
Two way switch



Marked BELL switch

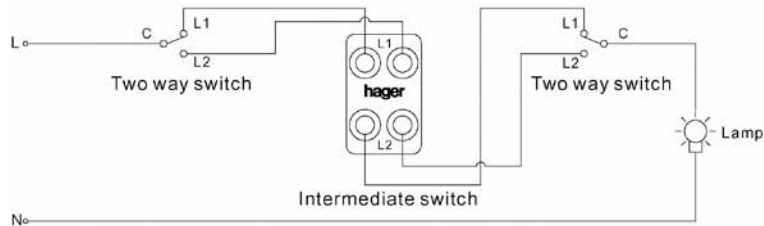


Marked PRESS switch



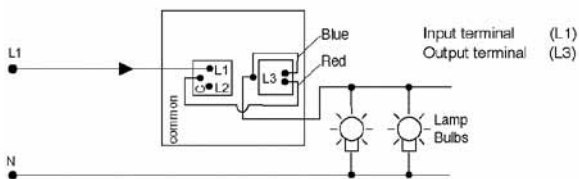
Intermediate Switch

XP8001 XP9001

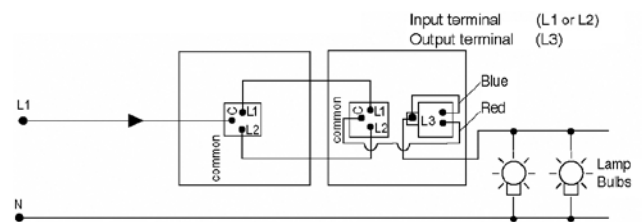


Dimmer Switch

1. One way connection

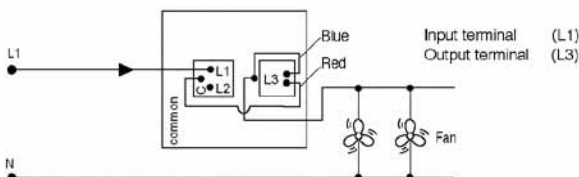


2. Two way connection

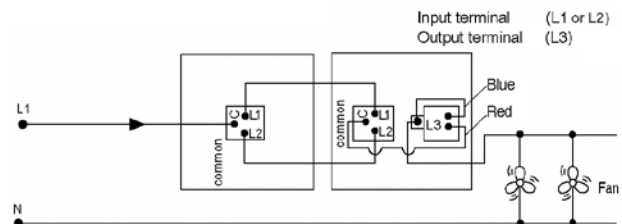


Fan control

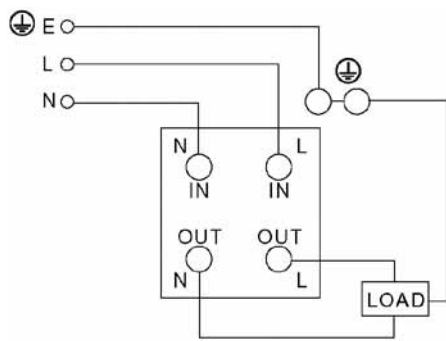
1. One way connection



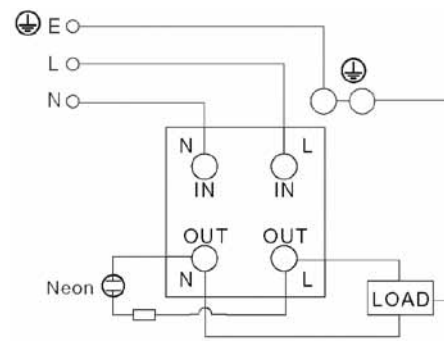
2. Two way connection



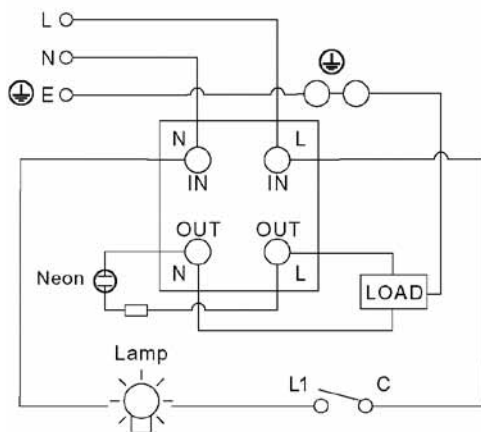
Double Pole Control Switch



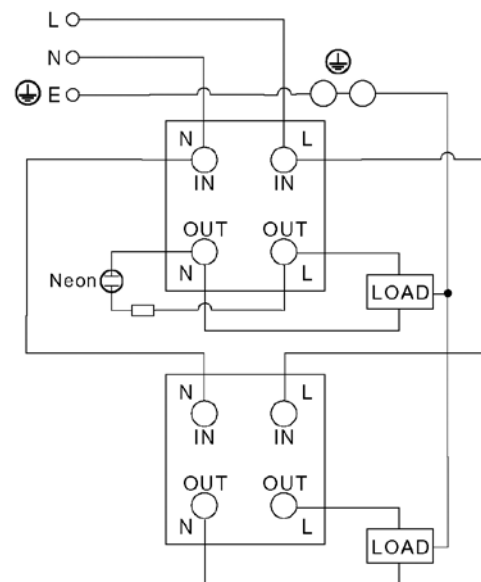
Double Pole Control Switch with Neon



Double Pole Control Switch 20AX with Neon + 10AX

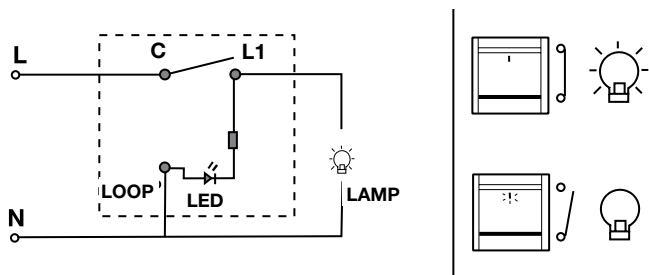


Double Pole Control Switch 20AX without Neon + 20AX with Neon

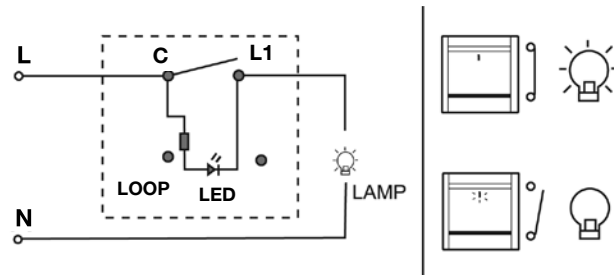


One way Large Dolly Switch with LED

1. LED as location indicator

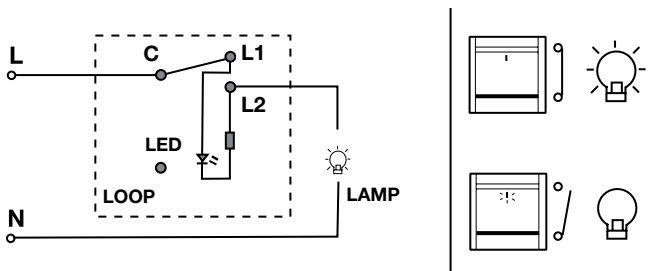


2. LED as ON indicator

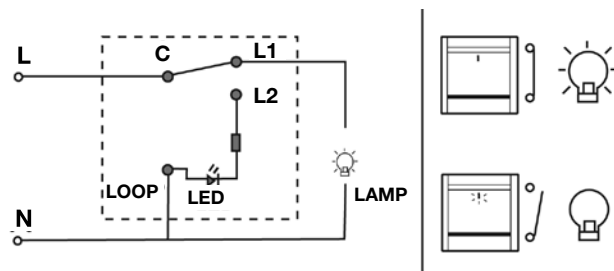


Two way large dolly switch with LED

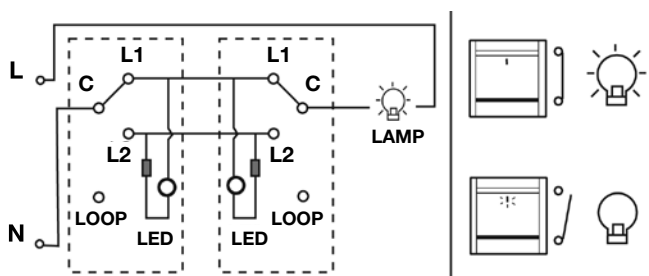
1. LED as location indicator



2. LED as ON indicator

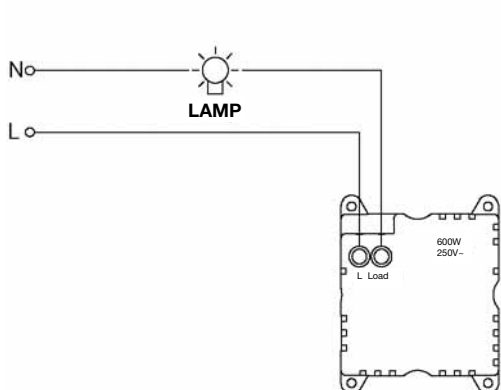


3. LED as location indicator



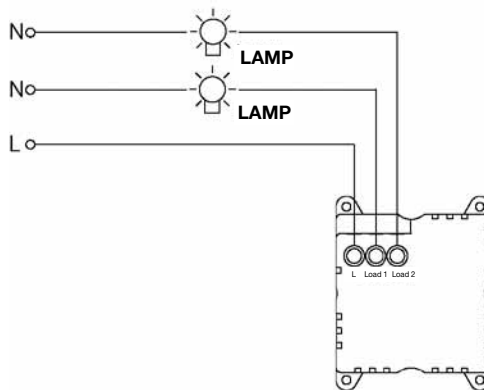
600W 1 gang large dolly dimming

Switch with Neon (cycle action)

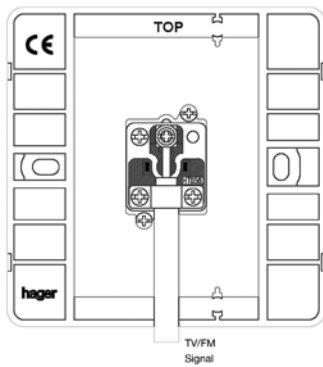


400W 2 gang large dolly dimming

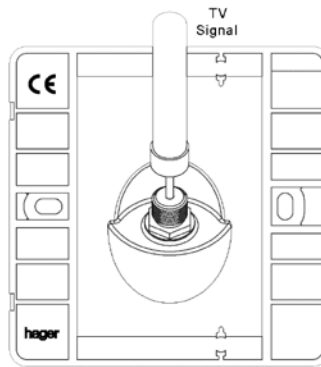
Switch with Neon (cycle action)



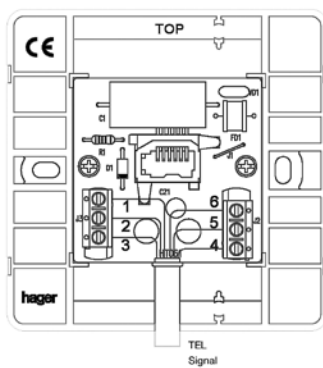
TV & FM connector



RG6 cable TV outlet

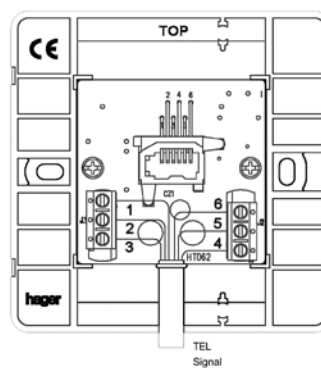


Telephone socket BS style master



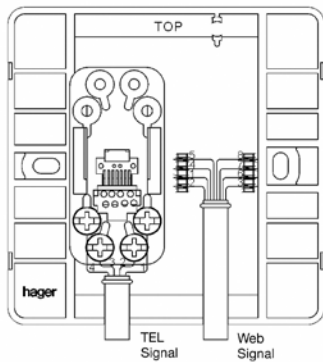
Pin no.	Pin code.
1	Green / White
2	Blue / White
3	Orange White
4	White / Orange
5	White / Blue
6	White / Green

Telephone socket BS style slave



Pin no.	Pin code.
1	Green / White
2	Blue / White
3	Orange White
4	White / Orange
5	White / Blue
6	White / Green

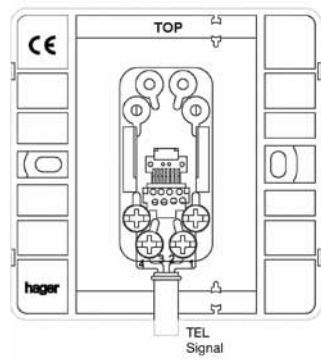
RJ45-RJ11 data outlet



Pin no.	Pin code.
1	Yellow
2	Green
3	Red
4	Brown

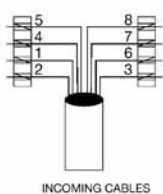
Jack Pin	A	B
1	White / Green	White / Orange
2	Green / White	Orange / White
3	White / Orange	White / Green
4	Blue / White	Blue / White
5	White / Blue	White / Blue
6	Orange / White	Green / White
7	White / Brown	White / Brown
8	Brown / White	Brown / White

RJ11 data outlet



Pin no.	Pin code.
1	Yellow
2	Green
3	Red
4	Brown

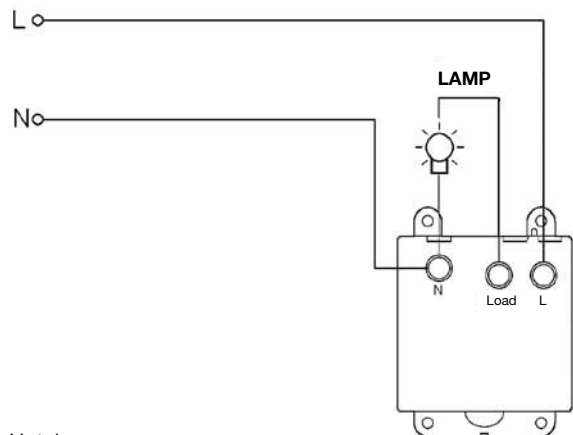
RJ45 data outlet



Jack Pin	A	B
1	White / Green	White / Orange
2	Green / White	Orange / White
3	White / Orange	White / Green
4	Blue / White	Blue / White
5	White / Blue	White / Blue
6	Orange / White	Green / White
7	White / Brown	White / Brown
8	Brown / White	Brown / White

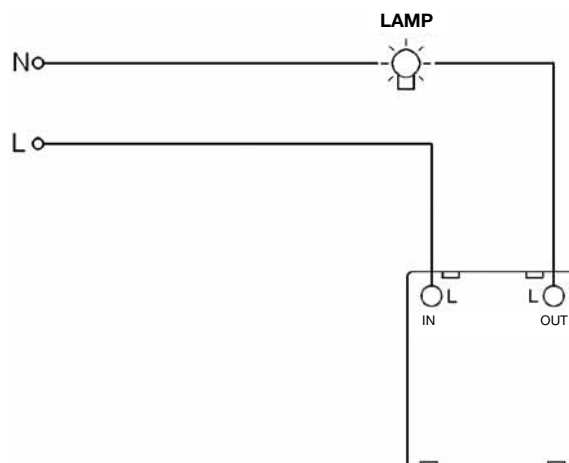
Hotel range

Key tag



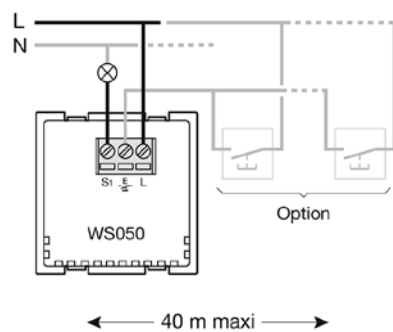
Hotel range
"DND" & PLS CLEAN UP" indication box with door bell

Infrared movement detector

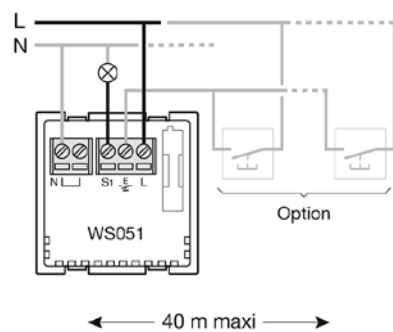


Motion detector

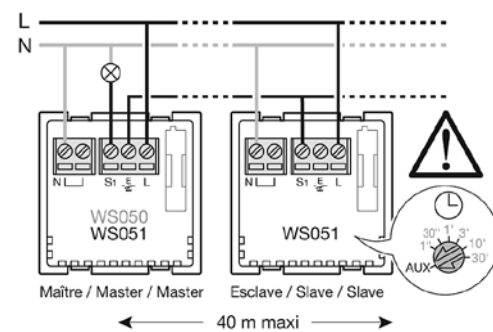
WS050



WS051



WS050 + WS051 / WS051 + WS051





2 pole

Reference	Current	H	W	D
JG220U	20 A	170	84	87
JG232U	32 A	170	84	87
JG240U	40 A	170	84	87
JG220U	63 A	170	84	87

• All dimensions are in mm

3 pole

Reference	Current	H	W	D
JG320U	20 A	170	84	87
JG332U	32 A	170	84	87
JG340U	40 A	170	84	87

• All dimensions are in mm

3 pole + switched neutral

Reference	Current	H	W	D
JG420U	20 A	170	84	87
JG432U	32 A	170	84	87
JG440U	40 A	170	84	87
JG420U	63 A	170	84	87

• All dimensions are in mm

2 pole

Reference	Current	H	W	D
JG220IN	20 A	170	84	87
JG232IN	32 A	170	84	87
JG240IN	40 A	170	84	87
JG220IN	63 A	170	84	87

• All dimensions are in mm

3 pole

Reference	Current	H	W	D
JG320IN	20 A	170	84	87
JG332IN	32 A	170	84	87
JG340IN	40 A	170	84	87

• All dimensions are in mm

3 pole + switched neutral

Reference	Current	H	W	D
JG420IN	20 A	170	84	87
JG432IN	32 A	170	84	87
JG440IN	40 A	170	84	87
JG420IN	63 A	170	84	87

• All dimensions are in mm

