

Hager Dream  
wiring accessories

# Live your dream 2023



:hager

# Milestones of Hager wiring accessories



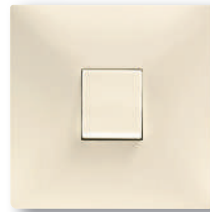
1919

Berker Brothers began to manufacture the first batch of rotary switches in Schalksmühle. Every detail was as simple, elegant, and functional as all Berker's other subsequent models.



1948

Traditionally, water-proof switches are made of cast resin or ceramics. Therefore, Berker's molded plastics rotary switch is a real innovation. The threads of the rotary switch are pressed into the top of the gland cover and grease cavity seals are installed on the axle. This type of switches features optimal waterproof performance. Its basic design features remained unchanged for decades of years.



1966

Although it seems quite natural today, dating back to 1966, the launch of a switch equipped with a dismantlable switch cover that can be backfilled after the completion of the painting engineering indicated a significant innovation and great progress in terms of convenience. Moreover, since the switch cover is easy to change, many of the 1966 rocker switches are still in good keep today and can still work normally.



1980

The combination of circle and square was one of our most successful products in the grim technical environment in the 1980s.



1996

'Twinpoint' design has interchangeable decorative rings, which provides all kinds of design possibilities



1928

Form + Function: When Bauhaus began to carry this concept forward, Berker Brothers have turned to the famous architect Louis Henri Sullivan's design concept. Functional and perfect design combined with reliable technology—Berker's switches already had all the elements that a product needs to become classic. These products later became classic indeed.



1957

The cover of this type of switch is as colorful as any of the modern works of art—That is why this colorful sample is called 'Chagall'.



1972

A big success, where modularization is used, the first type of stainless all-metal switch— Another real innovation.



1983

An expert to deal with difficult tasks: 'ISO-Panzer' has excellent waterproof and shockproof performances excellent waterproof and shockproof performances



1999

TS series can not only assist in creating special lighting effect, but can also combine KNX system for operating the complete smart home system.



2003

Full ranges included system 8000, 9000, 9088 metal ranges for Asia launched.



2008

The greatest feature of TS Crystal Ball is its glittering Swarovski crystal and sensitive optical reflection sensor, very charming.



2009

Touch of style as system 10088 equipped with large rocker and blue LED indication.



2016

Berker Q.7 not only highlights its form, functions, and craftsmanship, but also lifts architectural individuality and material application to a higher level.



2020

Hager Dream, Hager Inspire, Hager Muse with best-in-class aesthetics design, quality and full functions to answer all needs.



2004

Intelligence is a kind of beauty. Undoubtedly, B.IQ looks very beautiful: The first type of smart and fashionable home control unit in the world indicates the arrival of the new era of comfort.



2007

Only by touching... That is the artistic state to start to control a room. Technical progress makes it possible for us to combine minimalism with modern technology and create a new exchange mode.



2011

R.1 series explains its design of round angle of the excircle in its unique way. It has a soft framework outline and all kinds of functional versions. It is a good choice for all residential and decoration projects.



2013

stylea with slim and nice profile large rocker provided affordable option.

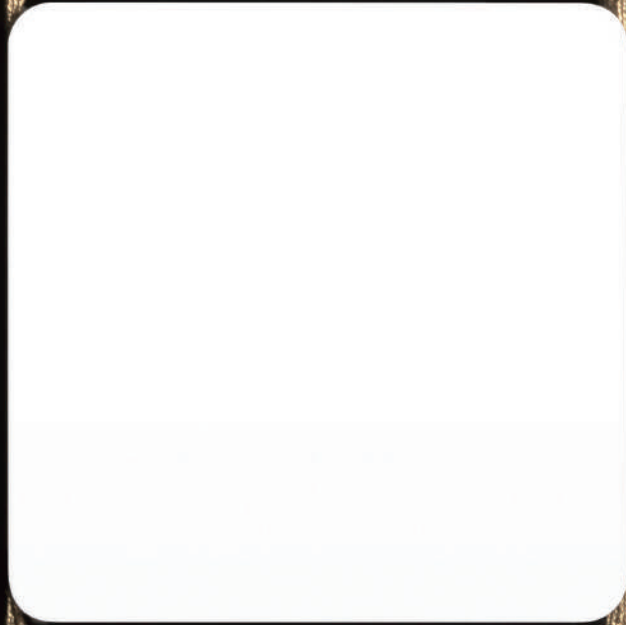


2018

Dream series, designed by the European designer, Erwin van Handenhoven, a winner of many international awards, bring elegant life experience to customers.

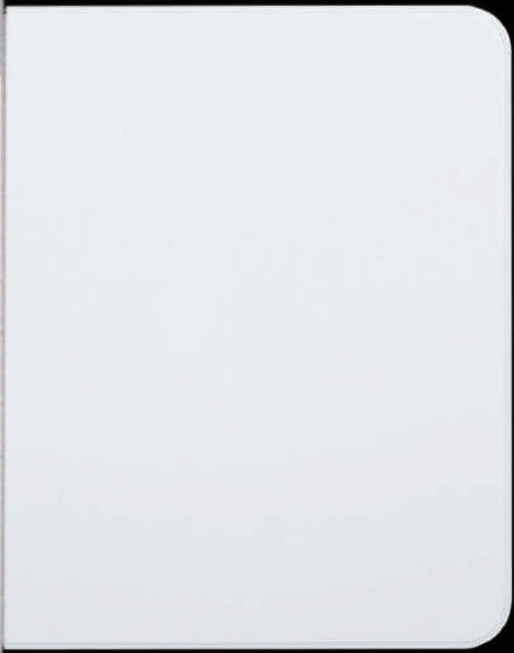


**Dream  
with  
ambition**



# Frameless design

The ultra-slim, frameless design allows the switch to be integrated into the wall; the simple and large panel makes the contact easy, and each touch creates the most pleasant moment.



# Hidden LED

Soft and discrete LED light to locate the switch as soon as you enter the room. No need to feel your way in the dark. Guided by the LED light, experience the convenience and safety.





# Multiple choices of color for your switch

Pursue uniqueness and elegance, white, elegant gold, interstellar grey, noble bronze and knight black, the color tone personifies the style and poise.





# Multiple choices of color for the switch ring

Details are carefully deliberated in the design.  
Ultra-slim panel with changeable colored ring  
is trendy and stylish.





# Expert tips



## 01 Frameless design

The ultrathin and frameless appearance design makes the switch integrate with the wall into an integral whole; the simple but huge rocker makes contact very easy, and each touch creates the most touching moment.



## 02 Hidden LED

Soft and distinguishable LED light, you can find where the switch is located as soon as you enter the room, and you don't need to navigate your way in the dark to get up at night. Guided by LED light, you will experience convenience and safety.



## 03 Identification for power

Humanized delayed power off is designed, which save power in a smart way. The insert tag switch has LED indicator, which makes it easy for you to find the slot in the dark. After power on, the indicator will turn off automatically.



## 04 Noise reduction design

Noise reduction is designed for the large switch panel, which embodies the sound and hand feeling of the products imported from Europe. The design idea from multi-dimensions such as impression, light perception, sense of touch, and phonoreception makes the large rocker perfect.



## 05 U type screwed terminals

Capacity of terminal can fit 3 x 4mm<sup>2</sup> flexible/ rigid wire. However, it is easy to wiring, high efficient for installation.



## 06 Beehive-like support

Beehive structure has the advantages of super-strong intensity and light weight. It is accurately used for the installing support of the product, which makes it more firm, durable, and not deformed over time.



## 07 Color-changeable switch ring

The switch rings of Dream series can change colors to match the interior decoration as you like, providing more possibilities for the overall design. \*On demand by Hager Exclusive.



## 08 IP55 waterproof box

The integrated production makes the waterproof and dustproof functions reach the high waterproof level of IP55. The design of a transparent large space box provides more space for the power cable to turn naturally, realizing real waterproof at power consumption.



## 09 Safety and stability

The international standard rated current of switch is 16AX, which ensures safer and more stable use of the switch.



## 10

### Shutter

Having safety awareness all the time comes from the care for every family member. The socket panel is designed with child lock. The socket panel is designed with child lock. Source isolating safety shutter is installed at the jacks to prevent children from putting their single finger in. It can completely block current.



## 13

### USB charger

4.2A, 5V charger is suitable for all kinds of electronic devices (1 type C + 2 type A). No need for extra charger, can be easily charged via USB cable, it also can be used for charging 3 devices at the same time.



## 16

### Ensuring communication quality

The network socket ensures communication quality. It is certified by UL lab and ensures high-quality communication.



## 11

### Surge protection capability

The surge capability of electronic products can reach 2500V, it is 2.5 times higher than standard.



## 14

### Certified by British Nemko

The shaver socket is certified by British Nemko. Grade II safety isolating transformer is used, which makes transformation safer and products more durable.



## 17

### Eco-packaging

We adhere to environmental philosophy all the time and won international iF design award for the packaging.



## 12

### Monobloc rocker & frame design

Rocker and the frame can be taken out by one time only, easy for installation. This is a perfect alignment of rockers all the time.



## 15

### Dust-protection Cover

Dust-protection cover is supplied for each product. It can be used for protecting the dust during decorating, keeping the product clean.



## 18

### Designed by European master

Designed by Erwin van Handenhoven, who has won many international awards.



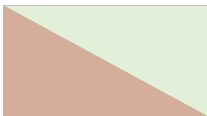
# Hager exclusive



# Color for every taste

Hager exclusive leads us to feel a better life. How to create a harmonious aesthetic feeling? The "60: 30: 10" golden rule is a visible must in our continual color-matching experiments, and our ultimate customized solutions would turn on your design concept.

We hardly wait to share you the following color-matching ideas of the year:



## Elegant Charm

Exquisite, matt or modern or retro, the combination forms an aura of elegance and sophistication around you. You would just like to indulge yourself through every touch of the room.



## Freshness and Harmony

It works so well with plants. You find peace in this natural aura and you finally have this moment to get refreshed. Every breath you take in this room your eyes are bright.



## Smart Simple

Sparked by the Minimalist arts movement of the 1960s and 70s, and inspired by traditional Japanese design and Zen philosophy, minimalist express the smart simple concept of modernism in an almost puritanical palette. Colors, elements and motifs are kept to a bare minimum, with concealed storage and careful detailing playing their due part.

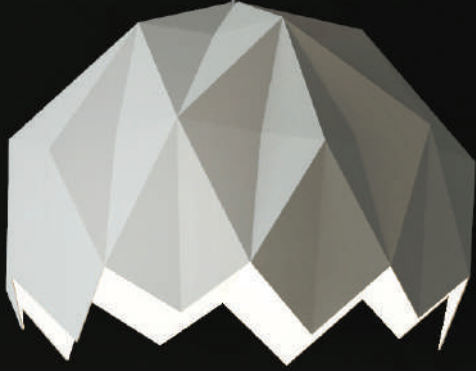


**The Hager exclusive provides a creative setting in which those of us involved in planning can move around freely.**



— Erwin van Handenhoven, Design Director of Hager Group

# Hager Dream series




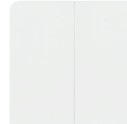

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- Complies with IEC 60669-1 CB certificate
- 'AX' rated - No need to derate for fluorescent loads
- Supplied with M3.5 x 37 mm long fixing screws
- Capacity of each terminal: 3 x 1.5 mm<sup>2</sup> 2 X 4.0 mm<sup>2</sup>
- Two way switches can be wired either 1 way or 2 way
- Terminal markings denote: L1 = one way L2 = two way C = common
- Material: Polycarbonate

Description		Pack qty.	Cat. Ref. White	Cat. Ref. Interstellar Grey	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
	<b>Large dolly switch</b>						
	16AX, 1 gang 1 way	10	WGDL111	WGDL111IG	WGDL111NB	WGDL111KB	WGDL111EG
	16AX, 1 gang 2 way	10	WGDL112	WGDL112IG	WGDL112NB	WGDL112KB	WGDL112EG
	16AX, 2 gang 1 way	10	WGDL121	WGDL121IG	WGDL121NB	WGDL121KB	WGDL121EG
	16AX, 2 gang 2 way	10	WGDL122	WGDL122IG	WGDL122NB	WGDL122KB	WGDL122EG
	16AX, 3 gang 1 way	10	WGDL131	WGDL131IG	WGDL131NB	WGDL131KB	WGDL131EG
	16AX, 3 gang 2 way	10	WGDL132	WGDL132IG	WGDL132NB	WGDL132KB	WGDL132EG
	16AX, 4 gang 1 way	10	WGDL141	WGDL141IG	WGDL141NB	WGDL141KB	WGDL141EG
	16AX, 4 gang 2 way	10	WGDL142	WGDL142IG	WGDL142NB	WGDL142KB	WGDL142EG



Description		Pack qty.	Cat. Ref. White	Cat. Ref. Interstellar Grey	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
	<b>Large dolly switch with LED</b>						
	16AX, 1 gang 1 way	10	WGDL111N	WGDL111NIG	WGDL111NNB	WGDL111NKB	WGDL111NEG
	16AX, 1 gang 2 way	10	WGDL112N	WGDL112NIG	WGDL112NNB	WGDL112NKB	WGDL112NEG
	16AX, 2 gang 1 way	10	WGDL121N	WGDL121NIG	WGDL121NNB	WGDL121NKB	WGDL121NEG
	16AX, 2 gang 2 way	10	WGDL122N	WGDL122NIG	WGDL122NNB	WGDL122NKB	WGDL122NEG
	16AX, 3 gang 1 way	10	WGDL131N	WGDL131NIG	WGDL131NNB	WGDL131NKB	WGDL131NEG
	16AX, 3 gang 2 way	10	WGDL132N	WGDL132NIG	WGDL132NNB	WGDL132NKB	WGDL132NEG

	<b>Large dolly switch</b>						
	10AX, 1 gang, intermediate	10	WGDL113	WGDL113IG	WGDL113NB	WGDL113KB	WGDL113EG
	10A, 1 gang, bell switch mark Bell symbol	10	WGDL111B	WGDL111BIG	WGDL111BNB	WGDL111BKB	WGDL111BEG
	10A, 1 gang, press switch mark "EXIT"	10	WGDL111E	WGDL111EIG	WGDL111ENB	WGDL111EKB	WGDL111EEG

	Description	Pack qty.	Cat. Ref. White	Cat. Ref. Interstellar Grey	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
 WGDL111P WGDL111NP WGDL111NP-12V	<b>Press switch</b> 10A, 1 gang	10	<b>WGDL111P</b>	<b>WGDL111PIG</b>	<b>WGDL111PNB</b>	<b>WGDL111PKB</b>	<b>WGDL111PEG</b>
	10A, 2 gang	10	<b>WGDL121P</b>	<b>WGDL121PIG</b>	<b>WGDL121PNB</b>	<b>WGDL121PKB</b>	<b>WGDL121PEG</b>
	10A, 3 gang	10	<b>WGDL131P</b>	<b>WGDL131PIG</b>	<b>WGDL131PNB</b>	<b>WGDL131PKB</b>	<b>WGDL131PEG</b>
 WGDL121P WGDL121NP WGDL121NP-12V	<b>Press switch with 220V LED</b> 10A, 1 gang	10	<b>WGDL111NP</b>	<b>WGDL111NPIG</b>	<b>WGDL111NPNB</b>	<b>WGDL111NPKB</b>	<b>WGDL111NPEG</b>
	10A, 2 gang	10	<b>WGDL121NP</b>	<b>WGDL121NPIG</b>	<b>WGDL121NPNB</b>	<b>WGDL121NPKB</b>	<b>WGDL121NPEG</b>
	10A, 3 gang	10	<b>WGDL131NP</b>	<b>WGDL131NPIG</b>	<b>WGDL131NPNB</b>	<b>WGDL131NPKB</b>	<b>WGDL131NPEG</b>
 WGDL131P WGDL131NP WGDL131NP-12V	<b>Press switch with 12V LED</b> 10A, 1 gang	10	<b>WGDL111NP-12V</b>	<b>WGDL111NP-12VIG</b>	<b>WGDL111NP-12VNB</b>	<b>WGDL111NP-12VKB</b>	<b>WGDL111NP-12VEG</b>
	10A, 2 gang	10	<b>WGDL121NP-12V</b>	<b>WGDL121NP-12VIG</b>	<b>WGDL121NP-12VNB</b>	<b>WGDL121NP-12VKB</b>	<b>WGDL121NP-12VEG</b>
	10A, 3 gang	10	<b>WGDL131NP-12V</b>	<b>WGDL131NP-12VIG</b>	<b>WGDL131NP-12VNB</b>	<b>WGDL131NP-12VKB</b>	<b>WGDL131NP-12VEG</b>

## Hager Dream Dimmer and fan controller switches

- Complies with IEC 60669-2-1
- Supplied with M3.5 x 37 mm long fixing screws
- Material: Polycarbonate
- Capacity of each terminal: 3 x 1.5 mm<sup>2</sup>

	Description	Pack qty.	Cat. Ref. White	Cat. Ref. Interstellar Grey	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
 WGDEDR500	<b>Dimmer</b> 40-500W single, 2 way	6	<b>WGDEDR500</b>	<b>WGDEDR500IG</b>	<b>WGDEDR500NB</b>	<b>WGDEDR500KB</b>	<b>WGDEDR500EG</b>
	 WGDEFR250	<b>Fan control</b> 250VA, single	6	<b>WGDEFR250</b>	<b>WGDEFR250IG</b>	<b>WGDEFR250NB</b>	<b>WGDEFR250KB</b>

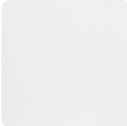
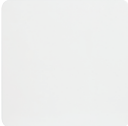




- Complies with IEC 60669-1 CB certificate

- Supplied with M3.5 x 37 mm long fixing screws

- Capacity of each terminal:  
**20AX**  
L, N, E: 2 x 4 mm<sup>2</sup>

- Material: Polycarbonate

**32A, 45A**  
L, N : 2.5 mm<sup>2</sup> ~ 16 mm<sup>2</sup>  
E x 2 : 2.5 mm<sup>2</sup> ~ 16 mm<sup>2</sup>

		Description	Pack qty.	Cat. Ref. White	Cat. Ref. Interstellar Grey	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold	
		<b>DP switch</b>							
WGDL2D1	WGDL2D2	20AX 1 gang	8	WGDL2D1	WGDL2D1IG	WGDL2D1NB	WGDL2D1KB	WGDL2D1EG	
		20AX 2 gang	8	WGDL2D2	WGDL2D2IG	WGDL2D2NB	WGDL2D2KB	WGDL2D2EG	
Remark: Grey reference product - coming soon									
		<b>DP switch with LED</b>							
WGDL2D1N WGDL2D12N	WGDL2D2N	20AX 1 gang	8	WGDL2D1N	WGDL2D1NIG	WGDL2D1NNB	WGDL2D1NKB	WGDL2D1NEG	
		20AX 2 gang	8	WGDL2D2N	WGDL2D2NIG	WGDL2D2NNB	WGDL2D2NKB	WGDL2D2NEG	
		20AX 1 gang	8	WGDL2D12N	WGDL2D12NIG	WGDL2D12NNB	WGDL2D12NKB	WGDL2D12NEG	
		2 way							
		<b>Special marks</b>	<b>Abbreviation</b>	<b>Special marks</b>	<b>Abbreviation</b>	<b>Special marks</b>	<b>Abbreviation</b>	<b>Special marks</b>	<b>Abbreviation</b>
		"AIR CONDITONER"	AC	"HOB"	HB	"WASHER"	WS	"DISH WASHER"	DW
		"DRYER"	DR	"HOOD"	HD	"WASHING MACHINE"	WM	"FRIDGE"	FR
		"MICROWAVE"	MW	"OVEN"	OV	"WATER HEATER"	WH		
		Example: <b>"WATER HEATER" WH</b>							
		20AX 1 gang		WGDL2D1WH	WGDL2D1IGWH	WGDL2D1NBWH	WGDL2D1KBWH	WGDL2D1EGWH	
		<b>Control switch with LED</b>							
WGDR32D1	WGDR45D1	32A DP	8	WGDR32D1	WGDR32D1IG	WGDR32D1NB	WGDR32D1KB	WGDR32D1EG	
		45A DP	8	WGDR45D1	WGDR45D1IG	WGDR45D1NB	WGDR45D1KB	WGDR45D1EG	

- 25A Connection units  
BS 5733  
IEC 60998-1  
IEC 60998-2-1

- Fused connection units  
complies with  
BS 1363-4

- Supplied with M3.5 x 37 mm  
long fixing screws

- Capacity of each terminal:  
**25A**  
L, N, E: 4 x 2.5 mm<sup>2</sup> or 2 x 4 mm<sup>2</sup>  
or 1 x 6 mm<sup>2</sup>

- Material: polycarbonate

**13A FCU**  
L, N : 3 x 4.0 mm<sup>2</sup>  
E : 2 x 4.0 mm<sup>2</sup>



WGDR25

Description	Pack qty.	Cat. Ref. White	Cat. Ref. Interstellar Grey	Cat. Ref. Noble Bronze	Cat. Ref Knight Black	Cat. Ref Elegant Gold
<b>Connection unit</b> 25A with flex outlet	12	<b>WGDR25</b>	<b>WGDR25IG</b>	<b>WGDR25NB</b>	<b>WGDR25KB</b>	<b>WGDR25EG</b>



WGDR13N

<b>Fused connection unit</b>						
13A fused w/ LED + flex outlet	10	<b>WGDR13N</b>	<b>WGDR13NIG</b>	<b>WGDR13NNB</b>	<b>WGDR13NKB</b>	<b>WGDR13NEG</b>



WGDR13SN

13A switched fused w/ flex outlet w/ LED	10	<b>WGDR13SN</b>	<b>WGDR13SNIG</b>	<b>WGDR13SNNB</b>	<b>WGDR13SNKB</b>	<b>WGDR13SNEG</b>
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# Hager Dream

## 5A and 10A socket outlets






- Complies with  
SS 472 (5A socket)  
BS 546 (5A socket)  
IEC 60884-1(10A socket)

- Supplied with M3.5 x 37 mm  
long fixing screws

- Capacity of each terminal:  
L, N, E : 3 X 2.5 mm<sup>2</sup> or  
2 X 4.0 mm<sup>2</sup>

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

- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref. White	Cat. Ref. Interstellar Grey	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
		<b>Socket outlet</b> 5A round pin switched	8	<b>WGDS105S</b>	-	-	<b>WGDS105SKB</b>	-
WGDS105S	WGDS110US	10A 2 pin switched universal	10	<b>WGDS110US</b>	<b>WGDS110USIG</b>	<b>WGDS110USNB</b>	<b>WGDS110USKB</b>	<b>WGDS110USEG</b>
		10A 2 pin + 2 pin universal	10	<b>WGDS210U</b>	<b>WGDS210UIG</b>	<b>WGDS210UNB</b>	<b>WGDS210UKB</b>	<b>WGDS210UEG</b>
WGDS210U		Remark: Grey reference product - coming soon						

# Hager Dream

## 13A socket outlets







- Complies with  
BS 1363-2  
SS 145-2

- Supplied with M3.5 x 37 mm  
long fixing screws

- Capacity of each terminal:  
L, N, E : 3 X 2.5 mm<sup>2</sup> or  
2 X 4.0 mm<sup>2</sup>

- USB output current  
2.4A (Max)

- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref. White	Cat. Ref. Interstellar Grey	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
		13A single	10	<b>WGDS113</b>	<b>WGDS113IG</b>	<b>WGDS113NB</b>	<b>WGDS113KB</b>	<b>WGDS113EG</b>
WGDS113	WGDS113S WGDS113SDP WGDS113N	13A single switched	10	<b>WGDS113S</b>	<b>WGDS113SIG</b>	<b>WGDS113SNB</b>	<b>WGDS113SKB</b>	<b>WGDS113SEG</b>
		13A single switched w/ LED	10	<b>WGDS113SN</b>	-	-	<b>WGDS113SNKB</b>	-
WGDS113SUSB		13A single switched 2 x USB chargers	8	<b>WGDS113SUSB</b>	<b>WGDS113SUSBIG</b>	<b>WGDS113SUSBNB</b>	<b>WGDS113SUSBKB</b>	<b>WGDS113SUSBEG</b>
		13A single switched 1 x USB chargers	8	<b>WGDS113S1USB</b>	<b>WGDS113S1USBIG</b>	<b>WGDS113S1USBNB</b>	<b>WGDS113S1USBKB</b>	<b>WGDS113S1USBEG</b>
WGDS113S1USB		13A twin switched	10	<b>WGDS213S</b>	<b>WGDS213SIG</b>	<b>WGDS213SNB</b>	<b>WGDS213SKB</b>	<b>WGDS213SEG</b>
		13A twin switched w/ LED	10	<b>WGDS213SN</b>	-	-	<b>WGDS213SNKB</b>	-
WGDS213S WGDS213SDP WGDS213SN		13A twin switched 2 x USB chargers	10	<b>WGDS213SUSB</b>	<b>WGDS213SUSBIG</b>	<b>WGDS213SUSBNB</b>	<b>WGDS213SUSBKB</b>	<b>WGDS213SUSBEG</b>
		13A twin	10	<b>WGDS113SDP</b>	<b>WGDS113SDPIG</b>	<b>WGDS113SDPNB</b>	<b>WGDS113SDPKB</b>	<b>WGDS113SDPEG</b>
WGDS213SUSB				<b>WGDS213SDP</b>	<b>WGDS213SDPIG</b>	<b>WGDS213SDPNB</b>	<b>WGDS213SDPKB</b>	<b>WGDS213SDPEG</b>
		Remark: Grey reference product - coming soon						



- Complies with  
BS 546 (15A socket)  
SS 472 (15A socket)

IEC 60884-1  
(German socket)  
(Euro-American socket)




- Supplied with M3.5 x 37 mm  
long fixing screws

- Capacity of each terminal:  
L, N, E : 3 X 2.5 mm<sup>2</sup> or  
2 X 4.0 mm<sup>2</sup>

- USB output current  
2.4A (Max)

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

- Material: Polycarbonate

	Description	Pack qty.	Cat. Ref. White	Cat. Ref. Interstellar Grey	Cat. Ref. Noble Bronze	Cat. Ref Knight Black	Cat. Ref Elegant Gold
	15A round pin switched	8	<b>WGDS115S</b>	<b>WGDS115SIG</b>	<b>WGDS115SNB</b>	<b>WGDS115SKB</b>	<b>WGDS115SEG</b>
	16A German socket w/ shutter	8	<b>WGDS116S</b>	<b>WGDS116SIG</b>	<b>WGDS116SNB</b>	<b>WGDS116SKB</b>	<b>WGDS116SEG</b>
	16A single Euro-American	8	<b>WGDS116EA</b>	<b>WGDS116EAIG</b>	<b>WGDS116EANB</b>	<b>WGDS116EAKB</b>	<b>WGDS116EAEG</b>
	16A twin Euro-American	8	<b>WGDS216EA</b>	<b>WGDS216EAIG</b>	<b>WGDS216EANB</b>	<b>WGDS216EAKB</b>	<b>WGDS216EAEG</b>

- Supplied with M3.5 x 37 mm long fixing screws









- Material: Polycarbonate





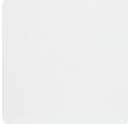



		Description	Pack qty.	Cat. Ref. White	Cat. Ref. Interstellar Grey	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
		<b>RJ11 outlet</b>						
		1 mod	10	WGDT1RJ	WGDT1RJIG	WGDT1RJNB	WGDT1RJKB	WGDT1RJEG
		2 mod	10	WGDT2RJ	WGDT2RJIG	WGDT2RJNB	WGDT2RJKB	WGDT2RJEG
		<b>RJ45 cat6 outlet</b>						
		1 mod	10	WGDT1RJ6	WGDT1RJ6IG	WGDT1RJ6NB	WGDT1RJ6KB	WGDT1RJ6EG
		1 mod without symbol	10	WGDT1RJ6NM	WGDT1RJ6NMIG	WGDT1RJ6NMNB	WGDT1RJ6NMKB	WGDT1RJ6NMEG
		2 mod	10	WGDT2RJ6	WGDT2RJ6IG	WGDT2RJ6NB	WGDT2RJ6KB	WGDT2RJ6EG
		2 mod without symbol	10	WGDT2RJ6NM	WGDT2RJ6NMIG	WGDT2RJ6NMNB	WGDT2RJ6NMKB	WGDT2RJ6NMEG
		<b>RJ45 cat5e outlet</b>						
		1 mod	10	WGDT1RJ5	WGDT1RJ5IG	WGDT1RJ5NB	WGDT1RJ5KB	WGDT1RJ5EG
		2 mod	10	WGDT2RJ5	WGDT2RJ5IG	WGDT2RJ5NB	WGDT2RJ5KB	WGDT2RJ5EG
		<b>RJ11 + RJ45 cat5e outlet</b>						
		2 mod	10	WGDT2RJRJ5	WGDT2RJRJ5IG	WGDT2RJRJ5NB	WGDT2RJRJ5KB	WGDT2RJRJ5EG
		<b>RJ11 + RJ45 cat6 outlet</b>						
		2 mod	10	WGDT2RJRJ6	WGDT2RJRJ6IG	WGDT2RJRJ6NB	WGDT2RJRJ6KB	WGDT2RJRJ6EG
		<b>TV inlet/outlet + RJ45 cat5e</b>						
		2 mod	10	WGDT2TVRJ5	WGDT2TVRJ5IG	WGDT2TVRJ5NB	WGDT2TVRJ5KB	WGDT2TVRJ5EG
		<b>TV inlet/outlet</b>						
		1 mod	10	WGDT1TV	WGDT1TVIG	WGDT1TVNB	WGDT1TVKB	WGDT1TVEG
		<b>TV outlet, F type</b>						
		1 mod	10	WGDT1TVF	WGDT1TVFIG	WGDT1TVFNB	WGDT1TVFKB	WGDT1TVFEG

- Complies with  
IEC 60669-1  
IEC 60669-2-1  
IEC 62368-1 (USB)

- Supplied with M3.5 x 37 mm  
long fixing screws








- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref. White	Cat. Ref. Interstellar Grey	Cat. Ref. Noble Bronze	Cat. Ref Knight Black	Cat. Ref Elegant Gold
		16AX DND & 8 MUR with LED (Indoor)	8	<b>WGDHDC</b>	<b>WGDHDCIG</b>	<b>WGDHDCNB</b>	<b>WGDHDCCKB</b>	<b>WGDHDCG</b>
WGDHDC	WGDHBD	4A DND & 10 MUR indicator w/ bell switch	10	<b>WGDHBD</b>	<b>WGDHBDIG</b>	<b>WGDHBDNB</b>	<b>WGDHBDKB</b>	<b>WGDHBDG</b>
		16A key tag - mechanical	6	<b>WGDHKT</b>	<b>WGDHKTIG</b>	<b>WGDHKTNB</b>	<b>WGDHKTMB</b>	<b>WGDHKTG</b>
WGDHKT WGDHKTRFID		16A key tag - RFID	6	<b>WGDHKTRFID</b>	<b>WGDHKTRFIDIG</b>	<b>WGDHKTRFIDNB</b>	<b>WGDHKTRFIDKB</b>	<b>WGDHKTRFIDG</b>
<b>USB chargers</b>								
		USB charger 4.2A (1 x type C) + (2 x type A)	8	<b>WGDS3USB</b>	<b>WGDS3USBIG</b>	<b>WGDS3USBNB</b>	<b>WGDS3USBKB</b>	<b>WGDS3USBG</b>
WGDS3USB		<b>Emergency switch</b>						
			8	<b>WGDEE1</b>	<b>WGDEE1IG</b>	<b>WGDEE1NB</b>	<b>WGDEE1KB</b>	<b>WGDEE1G</b>
		<b>Audio switch</b> 6W	6	<b>WGDEA6</b>	<b>WGDEA6IG</b>	<b>WGDEA6NB</b>	<b>WGDEA6KB</b>	<b>WGDEA6G</b>
WGDEE1	WGDEA6	<b>Sleeping light (0.25w)</b>						
			8	<b>WGDHSL</b>	<b>WGDHSLIG</b>	<b>WGDHSLNB</b>	<b>WGDHSLKB</b>	<b>WGDHSLG</b>
		<b>Shaver socket</b> 115/230V	1	<b>WGDHSR</b>	<b>WGDHSRIG</b>	<b>WGDHSRNB</b>	<b>WGDHSRKB</b>	<b>WGDHSREG</b>
WGDHSL	WGDHSR							

Description	Pack qty.	Cat. Ref. White	Cat. Ref. Interstellar Grey	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
<b>Multi-gang frame</b>						
 WGDC2 2 gang horizontal	18	<b>WGDC2</b>	<b>WGDC2IG</b>	<b>WGDC2NB</b>	<b>WGDC2KB</b>	<b>WGDC2EG</b>
 WGDC3 3 gang horizontal	12	<b>WGDC3</b>	<b>WGDC3IG</b>	<b>WGDC3NB</b>	<b>WGDC3KB</b>	<b>WGDC3EG</b>
 WGDC4 4 gang horizontal	12	<b>WGDC4</b>	<b>WGDC4IG</b>	<b>WGDC4NB</b>	<b>WGDC4KB</b>	<b>WGDC4EG</b>
 WGDC5 5 gang horizontal	9	<b>WGDC5</b>	<b>WGDC5IG</b>	<b>WGDC5NB</b>	<b>WGDC5KB</b>	<b>WGDC5EG</b>
<b>Blank plate</b>						
 WGDBP1 1 gang	20	<b>WGDBP1</b>	<b>WGDBP1IG</b>	<b>WGDBP1NB</b>	<b>WGDBP1KB</b>	<b>WGDBP1EG</b>
<b>Accommodation plate Dream/gallery</b> for European enhanced function "gallery functions" page 29						
 WGDE2 1 gang	20	<b>WGDE2</b>	<b>WGDE2AS</b>	<b>WGDE2NB</b>	<b>WGDE2KB</b>	<b>WGDE2EG</b>
<b>WA covers (Transparent)</b>						
 XC9003 IP55 single size	40	<b>XC9003</b>				
 XC9004 IP55 twin size	40	<b>XC9004</b>				

- Complies with  
IEC NF-EN60669-1

- Capacity of each terminal:  
Flexible and rigid till 2.5 mm<sup>2</sup>

	Description	Pack qty.	Cat. Ref.	Cat. Ref. RAL9016	Cat. Ref. RAL9005	Cat. Ref. RAL1013	Cat. Ref. RAL9006
 WXD301N	<b>Shutter/blinds controls</b>						
	<b>10 AX - 250 V v- IP2XC</b>						
	2 modules	Mechanism	Rockers	Rockers	Rockers	Rockers	Rockers
	double 2 way switch	1	<b>WXF300</b>	<b>WXD300B</b>	<b>WXD300N</b>	<b>WXD300D</b>	<b>WXD300T</b>
	double push button	1	<b>WXF301</b>	<b>WXD301B</b>	<b>WXD301N</b>	<b>WXD301D</b>	<b>WXD301T</b>
 WXD062 WXD063	<b>Dimmers 10 AX - 250 V</b>						
	<b>Led compatible</b>						
	2 modules	Mechanism	Rockers	Rockers	Rockers	Rockers	Rockers
	rotary dimmers	1	<b>WXF062</b>	<b>WXD062B</b>	<b>WXD062N</b>	<b>WXD062D</b>	<b>WXD062T</b>
	touch dimmer	1	<b>WXF063</b>	<b>WXD063B</b>	<b>WXD063N</b>	<b>WXD063D</b>	<b>WXD063T</b>
 WXF051	<b>Automatic Switch IP2XC</b>						
	<b>LED compatible</b>						
	2 modules	Mechanism	Center plate	Center plate	Center plate	Center plate	Center plate
	3 wires automatic switch	1	<b>WXF051</b>	<b>WXD050B</b>	<b>WXD050N</b>	<b>WXD050D</b>	<b>WXD050T</b>
	2 wires automatic switch	1	<b>WXF052</b>	<b>WXD050B</b>	<b>WXD050N</b>	<b>WXD050D</b>	<b>WXD050T</b>
	Staircase automatic switch	1	<b>WXF054</b>	<b>WXD050B</b>	<b>WXD050N</b>	<b>WXD050D</b>	<b>WXD050T</b>
 WXF611	<b>Emergency Stop</b>						
	2 modules						
		With Key	1	<b>WXF610</b>	-	-	-
	Quarter turn	1	<b>WXF611</b>	-	-	-	-
 WXF615N	<b>Key switch</b>						
	<b>10 A - 250 V v</b>						
	2 modules						
	RONIS Key n°601						
	2-position-key selector switch.						
	Key removable in all position	1	-	<b>WXF615B</b>	<b>WXF615N</b>	<b>WXF615D</b>	<b>WXF615T</b>
	Quarter turn						
	3-position-key selector switch.						
	Key removable in all position	1	-	<b>WXF616B</b>	<b>WXF616N</b>	<b>WXF616D</b>	<b>WXF616T</b>
	Quarter turn						
	3-position-key momentary switch with						
	spring return	1	-	<b>WXF617B</b>	<b>WXF617N</b>	<b>WXF617D</b>	<b>WXF617T</b>
 WXF616T							
 WXF617D							

### **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 worlds 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.

Product description	BS / IEC number	Description
Switches	BS EN 60669-1 IEC 60669-1 CB certificate	Switches for household and similar fixed electrical installations
Indicators	BS 5733	General requirements for Electrical Accessories
Fused connection unit, cord outlets	BS 5733	Switches for household and similar fixed electrical installations with particular requirements for timedelay switches (TDS)
Dimmers	BS EN 60669-2-3	Switches for household and similar fixed electrical installations with particular requirements for timedelay switches (TDS)
Frames and plates	BS 5733	Switches for household and similar fixed electrical installations with particular requirements for timedelay switches (TDS)
10 /16 Amp Wall switch	BS EN 60669-1 IEC 60669-1 CB certificate	Switches for household and similar fixed electrical installations
Dimmer switches	BS EN 60669-2-1 IEC 60669-2-1	Electronic variable control switches (dimmer switches) for tungsten filament lighting
13 Amp Socket Outlets	BS 1363- 2 SS145-2	13A plugs, socket-outlets, adaptors and connection units
15 Amp Switched Socket	BS 546 SS472 MS1577	Specification. Two-pole and earthing-pin plugs, socket-outlets and socket-outlet adaptors
20 Amp D.P. Switches	BS EN 60669-1 IEC 60669-1 CB certificate	Switches for household and similar fixed electrical installations
13 Amp Fused Connection Unit	BS 1363-4	Specification for 13A fused connection units switched and unswitched
45 Amp D.P. Switches	BS EN 60669-1 IEC 60669-1 CB certificate	Switches for household and similar fixed electrical installations
45 Amp Cooker Control Unit	BS 4177	Cooker control units
Shaver Socket Outlet	BS EN 61558-2-5  IEC 61558-2-5	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	General Requirements for Electrical Accessories
BS Batten	BS EN 61184 IEC 61184 BS EN 60238 IEC 60238	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.



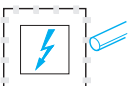
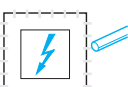
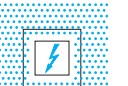
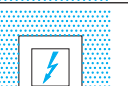
Regulation 511-01-01 of BS 7671 Requirements for Electrical Installations, IEE Wiring Regulations Sixteenth Edition requires every item of equipment to comply with the relevant requirements of the applicable British Standard, or Harmonised Standard appropriate to the intended use of the equipment.



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:


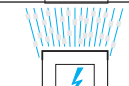
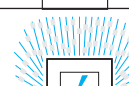
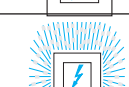




**The first character numeral** indicated the degree of protection provided by the enclosure with respect to persons, also to the equipment inside the enclosure.

**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 15 cm
8	 Protected against submersion m

**Additional letter (in option)**

Protection of people against access to dangerous parts

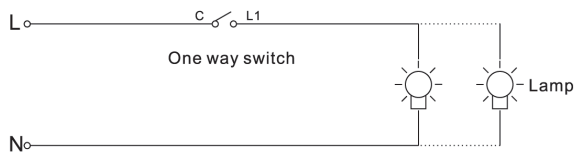
	Description
A	Protected against access of the back of the hand
B	Protected against access of a finger
C	Protected against access of a tool - $\varnothing$ 2.5mm
D	Protected against access of a tool - $\varnothing$ 1mm

**Additional letter (in option)**

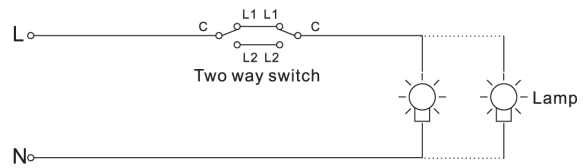
Specific information on the product

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

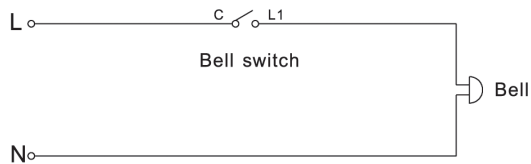
**One way switch**



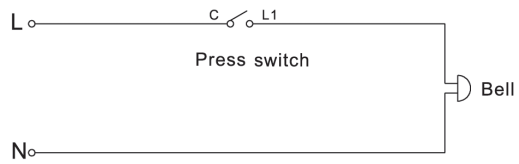
**Two way switch**



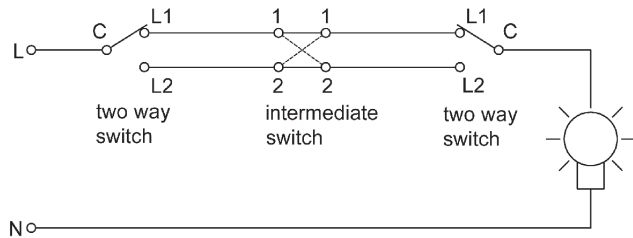
**Marked BELL switch**



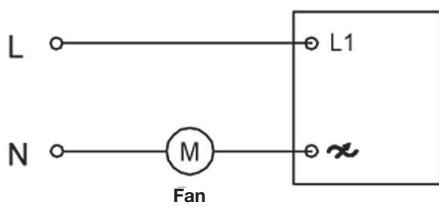
**Marked PRESS switch**



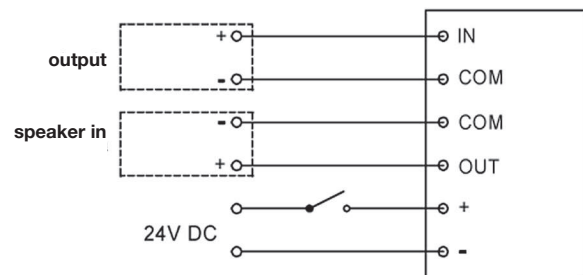
**Intermediate switch**



**Fan control**

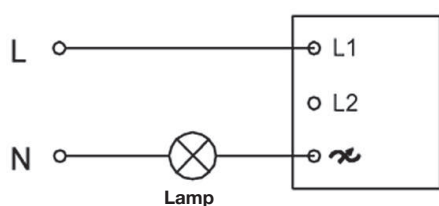


**Audio switch**

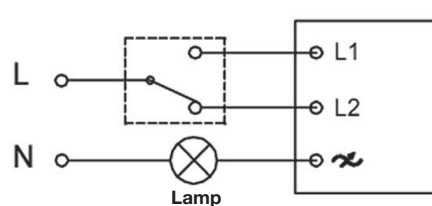


**Dimmer switch**

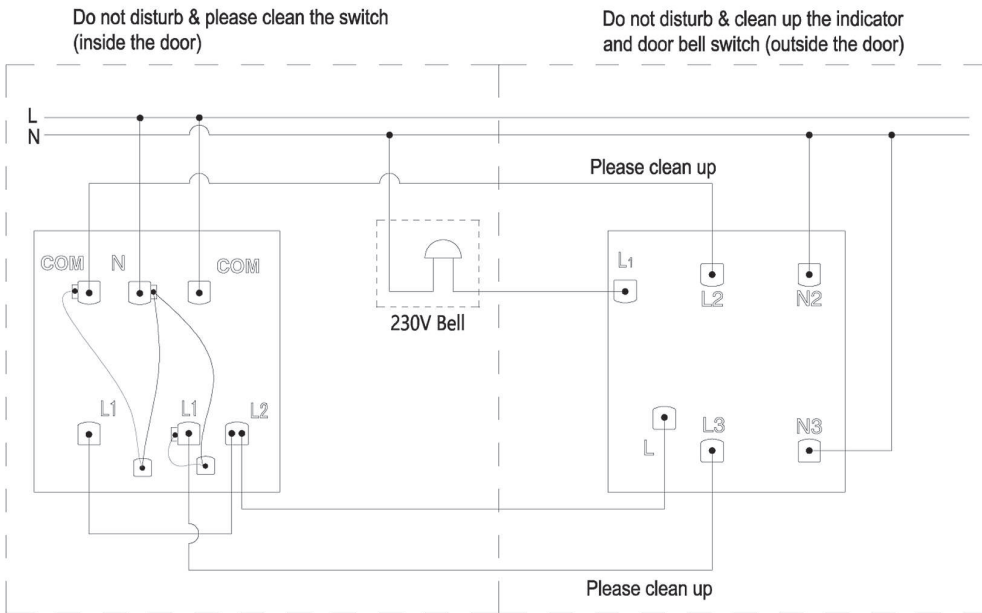
**1. One way connection**



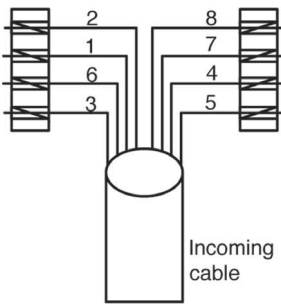
**2. Two way connection**



Do not disturb and please clean the switch (inside the door) / Do not disturb and please clear the instructions and the doorbell switch (outside the door)



RJ45 Computer module cable diagram EIA/TIA 568B

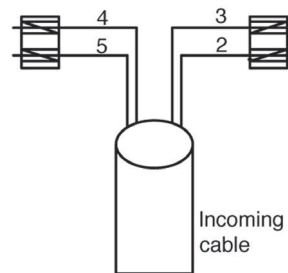


RJ45 Jack

RJ45 Jack pin.  
EIA/TIA 568B      EIA/TIA 568A

- |                |              |
|----------------|--------------|
| 1 White/Orange | White/Green  |
| 2 Orange       | Green        |
| 3 White/Green  | White/Orange |
| 4 Blue         | Blue         |
| 5 White/Blue   | White/Blue   |
| 6 Green        | Orange       |
| 7 White/Brown  | White/Brown  |
| 8 Brown        | Brown        |

RJ11 Telephone plug-in module cable diagram

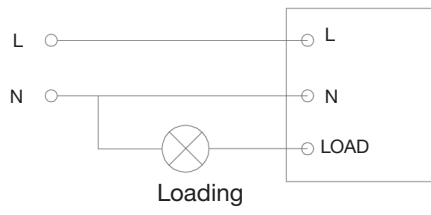


RJ11 Jack

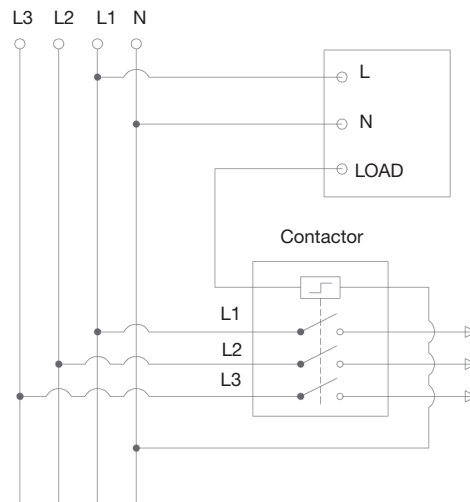
RJ11 Jack pin.

- 2 Blue/White
- 3 White/Blue
- 4 White/Red
- 5 Red/White

**Key card**  
Direct load

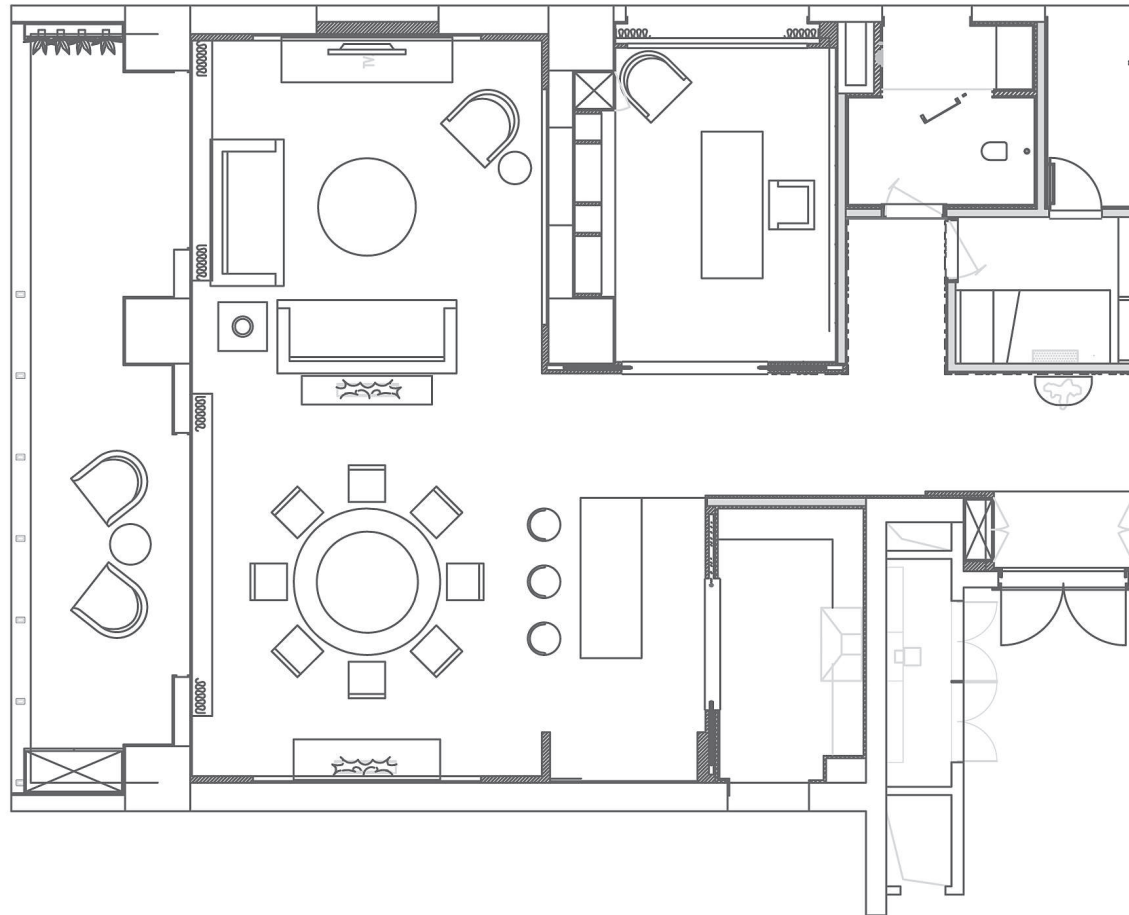


**Key card**  
Connected load through contactor





# Residential application



## Home garden / dining room

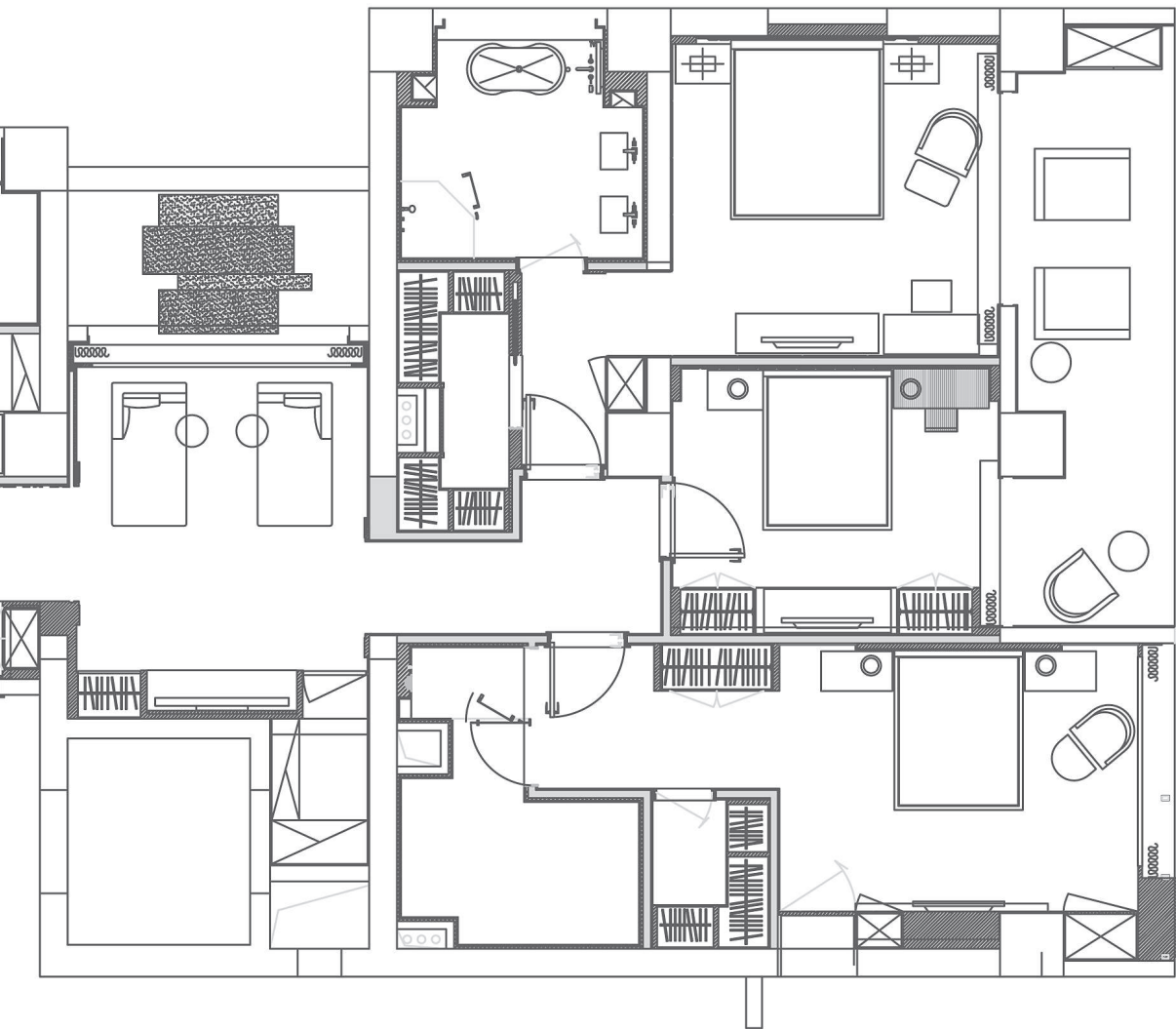
### Product catalog

200W Infrared sensor switch fire control	1
13A single switched socket	2
13A twin socket	2
13A single switched socket + 2 x USB chargers	1
16AX 1 gang 1 way switch	1
16AX 2 gang 2 way switch	1
16AX 2 gang 1 way switch	1
RJ11 outlet, 1 mod	1
RJ45 cat6 outlet	1
TV outlet, 1 mod	1
2 gang horizontal frame	2
5 gang horizontal frame	1

## Restaurant / kitchen

### Product catalog

Product catalog	QTY
13A single switched socket	8
13A twin socket	2
13A single switched socket + 2 x USB chargers	1
16AX 2 gang 2 way switch	1
16AX 2 gang 1 way switch	1
TV outlet, 1 mod	1
3 gang horizontal frame	2



**Bedroom / dressing room / study room**

**Product catalog**

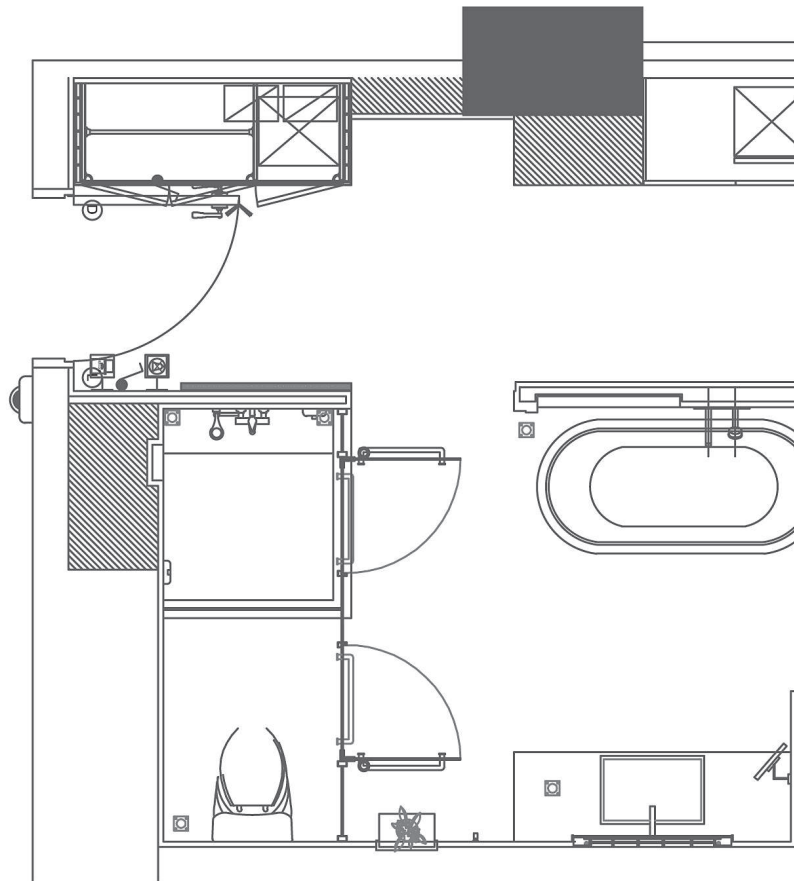
10AX 1 gang intermediate	2
13A twin socket	2
13A single switched socket + 2 x USB chargers	1
16AX 2 gang 1 way switch	1
RJ11 outlet, 1 mod	1
RJ45 cat6 outlet	1
TV outlet, 1 mod	1
Sleeping light	2

**Bathroom / balcony**

**Product catalog**

QTY	Product catalog	QTY
2	16AX 2 gang 1 way switch	1
2	13A single switched socket	2
1	Blank plate	4
1	WA cover (IP55)	2

# Hotel application



## Entrance / Bar counter

### Product catalog

- 4A DND & MUR indicator w/ bell switch
- 16A key tag RFID
- 16AX 1 gang 1 way LED switch
- 16AX 2 gang 2 way LED switch
- 13A single switched socket

### QTY

- 1
- 1
- 1
- 1
- 3

## Bed

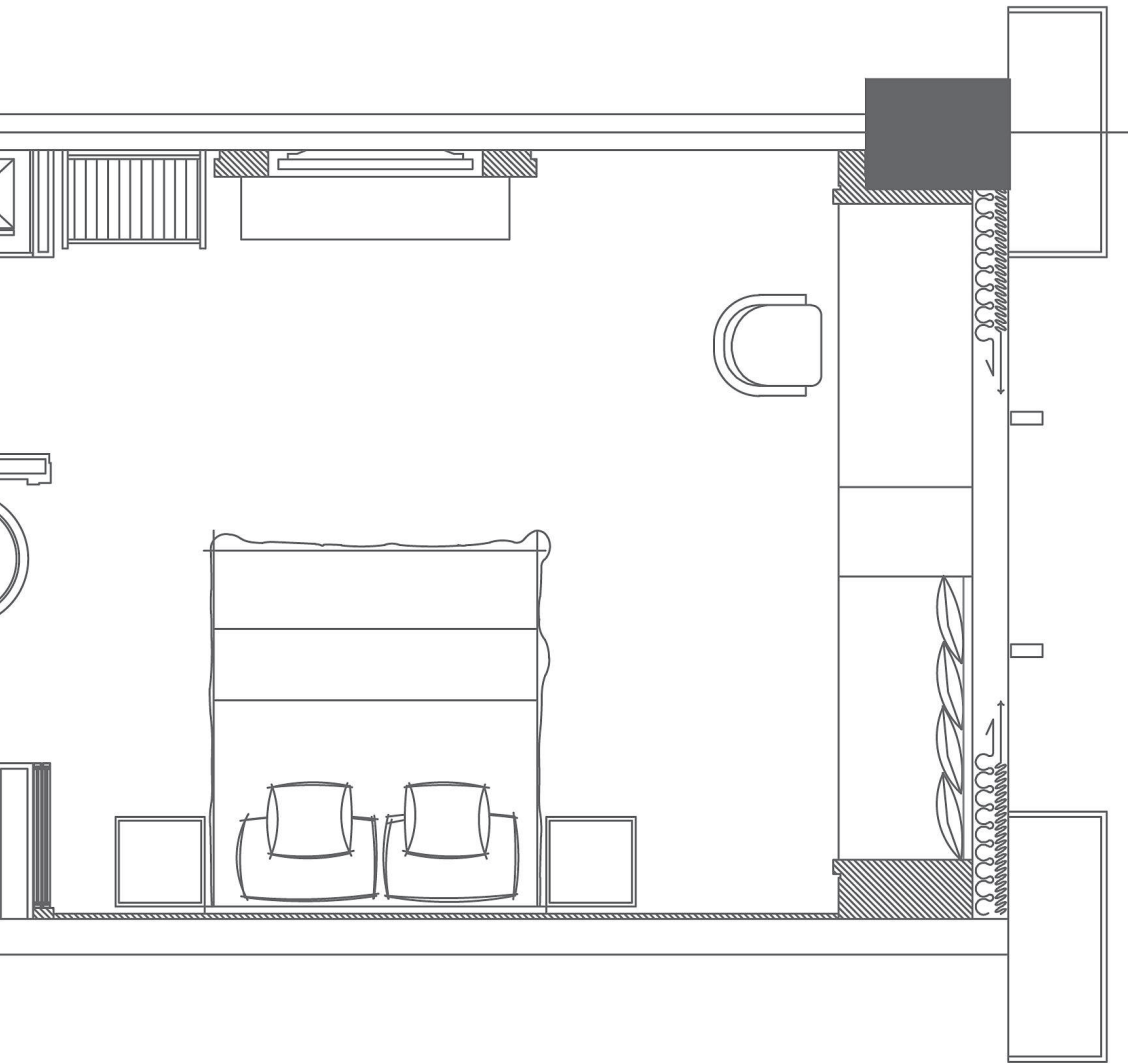
### Product catalog

- 16AX 2 gang 1 way w/ LED switch
- 13A single switched socket, 2 x USB chargers
- 13A single socket
- 40-500W 2 way dimmer
- RJ11 outlet, 1 mod
- RJ45 ca5e outlet
- Sleeping light

### QTY

- 1
- 1
- 2
- 2
- 1
- 1
- 1





**Desk**

**Product catalog**

- 16AX 2 gang 1 way w/ LED switch
- HDMI+VGA
- 13A single switched socket + 2 x USB chargers
- 13A single socket
- RJ11 outlet, 1 mod
- RJ45 cat6 outlet

**QTY**

- 1
- 1
- 1
- 2
- 1
- 1

**Bathroom**

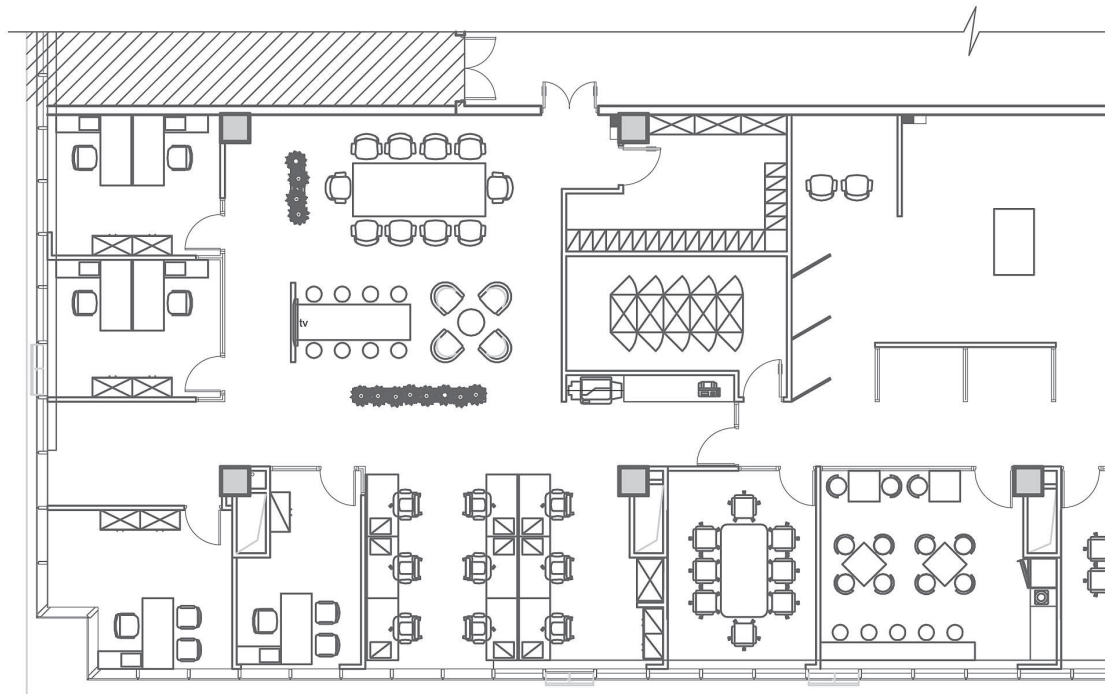
**Product catalog**

- 16AX 2 gang 1 way w/ LED switch
- Shaver socket
- Sleeping light
- SOS emergency switch
- 6W Audio switch
- 13A single switched socket
- RJ11 outlet, 1 mod
- WA cover (IP55)

**QTY**

- 2
- 1
- 1
- 1
- 1
- 3
- 1
- 4

# Office application



## Single office

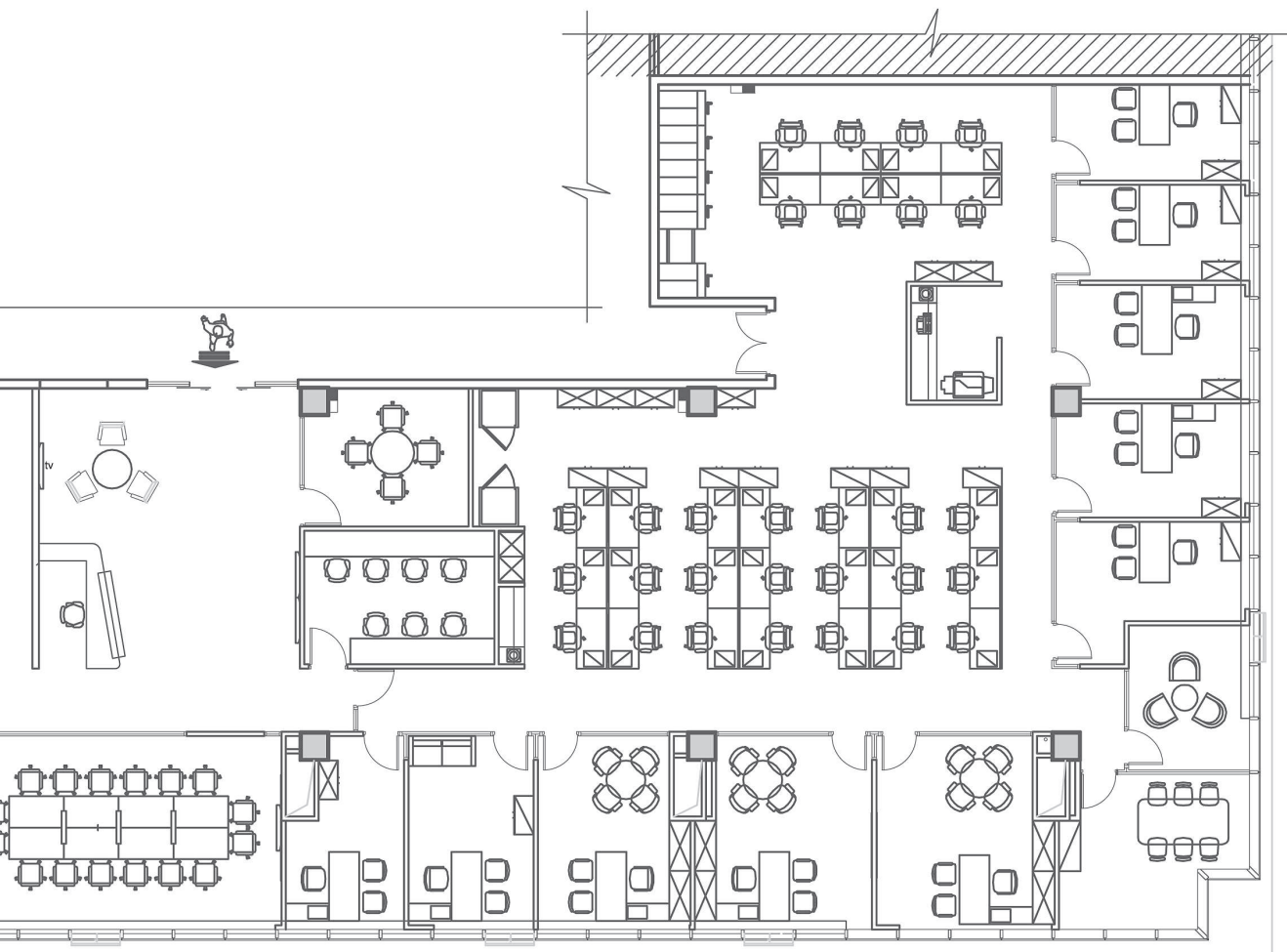
### Product catalog

16AX 1 gang 1 way switch	8
16AX 2 gang 2 way switch	16
13A single switched socket	48
13A single switched socket + 2 x USB chargers	8
RJ45 cat6 outlet	16
HDMI+VGA	8
6A Audio switch	8
2 gang horizontal frame	16
3 gang horizontal frame	16

## Open area office

### Product catalog

Product catalog	QTY
16AX 1 gang 1 way switch	6
16AX 3 gang 1 way switch	10
16AX 4 gang 1 way switch	8
13A single switched socket	100
RJ11+RJ45 ca5e outlet	50
6A Audio switch	8
2 gang horizontal frame	6
3 gang horizontal frame	54



### Meeting room

#### Product catalog

16AX 1 gang 1 way switch	2
16AX 2 gang 1 way switch	4
16AX 3 gang 1 way switch	4
13A single switched socket	20
RJ11 outlet	2
RJ45 ca6 outlet	12
HDMI+VGA	1
3 gang horizontal frame	6
4 gang horizontal frame	54

### Public area:

#### reception/ corridor/ pantry/ washroom

Product catalog	QTY
Sleeping light	12
13A single switched socket	12
200W Infrared sensor switch fire control	16
WA cover (IP55)	4

# Success cases

The courage to try to innovate in architectural design; the design of excellence always brings together a lot of ideas; the pursuit of the ultimate detail and the admiration of superior quality. Today, whether in Munich, Berlin and Hamburg, or in Bolzano, Madrid and Seoul, these ideas can be traced in any building in the world. It is no coincidence that Hager switches and systems can be found in all of these places.

## **Africa**

Crystal Cove Hotel, Hurghada, Egypt  
Somabay, Hurghada, Egypt  
Hotel Princess, Eilat, Israel  
Sea Park hotel, Netanya, Israel  
Mövenpick Resort & Spa Tala Bay, Aqaba, Jordan  
Park Inn by Radisson Nairobi Westlands, Nairobi, Kenya  
Radisson Blu Nairobi Upper Hill, Nairobi, Kenya  
Hotel Carlton, Antananarivo, Madagascar  
La maison des oliviers Hôtel, Marrakech, Morocco  
Serena - Polana Mar hotel, Maputo, Mozambique  
Grand Plaza Hotel, Nampula, Mozambique  
Pemba Express Hotel, Pemba, Mozambique  
Transcorp Hilton Hotel, Abuja, Nigeria  
Sheraton Abuja Hotel, Abuja, Nigeria  
Sheraton Lagos Hotel, Ikeja Lagos, Nigeria  
Sheraton Hotel, Lagos, Nigeria  
POD Camps Bay Hotel, Cape Town, South Africa  
Parrot Hotel, Arusha, Tanzania  
Sleep in hotel, Dar es Salaam, Tanzania

## **China**

Sofitel Shenyang Lido, Shenyang  
New World Beijing Hotel, Beijing  
Fairmont Beijing, Beijing  
Marriott Nanjing South Hotel, Nanjing  
Grand Hyatt, Hangzhou  
Park Hyatt Ningbo Resort & Spa, Ningbo  
The Peninsula, Shanghai  
Le Royal Meridien Hotel, Shanghai  
Swissôtel Grand Shanghai, Shanghai  
Mandarin Oriental Pudong, Shanghai  
Sofitel Shanghai Sheshan Oriental, Shanghai  
JW Marriott, Hangzhou  
Four Points by Sheraton Bijie, Guizhou  
Kempinski Hotel, Yinchuan  
New World Wuhan Hotel Wuhan  
Mandarin Oriental Hotel Guangzhou  
Hyatt Place Shenzhen Airport, Shenzhen  
The Ritz-Carlton, Shenzhen  
InterContinental, Shenzhen  
Swissôtel, Foshan  
Shangri-La's Sanya Resort & Spa, Hainan

## **Hong Kong & Macau**

Sheraton Hotel Tung Chung  
Island Shangri-La, Hong Kong  
Penta Hotel  
Hotel ICON  
Royal Plaza Hotel  
Ritz Cariton Hotel  
Best Western Hotel (Causeway bay & Tsim Sha Tsui)  
Harbour Grand Hong Kong  
Hyatt Regency Hotel  
Harbourview Horizon Hotel  
Royal View Hotel  
Grand Lisboa Macau  
Studio City Macau  
Galaxy Macau

## **Singapore**

Grand Hyatt Hotel  
Goodwood Park  
Park Regis  
Ramada & Days Hotel Singapore at Zhongshan Park  
Hotel Fort Canning

## **Indonesia**

Westin Hotel, Jakarta  
Courtyard by Marriott, Bali  
Fairfield by Marriott Sunset Road, Bali  
The Ritz-Carlton, Bali Resort & Spa, Bali

## **Vietnam**

Novotel Nha Trang  
Sealink Phan Thiet  
Sheraton Da Nang  
Radison Blu Cam Ranh  
Movenpick Cam Ranh  
Melia Cam Ranh  
Hanoi Hotel

## **India**

Taj Palace, Mumbai  
Hyatt Place, Hyderabad  
Ritz Carlton Pune, Pune  
Lemon Tree, 3 hotels (Udaipur, Dehradun, Kolkata)  
Fairfield Marriott Kolkata, Kolkata

## **Malaysia**

Genting Hotel, Genting Highlands  
JW Marriott Hotel, Kuala Lumpur  
WEIL Hotel Ipoh, Perak  
Alila Bangsar Kuala Lumpur, Kuala Lumpur  
Hilton Garden Inn Puchong, Selangor  
Alwaqf Hotel, Kelantan  
Kimberley Hotel, Penang  
Iconic Hotel, Penang  
VE Hotel & Residence, Bangsar South, Kuala Lumpur

## **Europe**

Hotel Sacher, Vienna  
Hotel Lux Alpinae, St. Anton am Arlberg  
Hotel Schloss Elmau, Elmau  
Vigilius Mountain Resort, Lana  
Hotel Puerta l'America, Madrid  
Lloyd Hotel, Amsterdam  
Zentrum für Virtuelles  
Engineering ZVE, Stuttgart  
Herzogin Anna Amalia Bibliothek, Weimar  
minimum bulthaup, Berlin  
PrivatHaus, Berlin  
Hyatt Regency, Istanbul  
Şişli Marriott, Istanbul  
Sheraton Ateşehir, Istanbul  
Swissôtel, Istanbul  
Le Meridien, Istanbul  
Hilton, Izmir  
Crowne Plaza, Istanbul

## **Other Countries**

Sedona Hotel, Mandalay, Myanmar  
Four Seasons Hotel, Seychelles  
Makati Shangri-La Hotel, Manila





### Hager Dream



### Hager Silhouette



### Berker R.1



### Berker R. Classic



### hagerblu visage



### Berker B.IQ



### Hager golf



### Hager witty



# Hager Design turns technical products into familiar friends.



**International designer Erwin van Handenhoven has been working with Hager since 2000 and his designs have repeatedly won international design awards. Erwin became the Product Design Director of Hager Group in 2013, focusing on shaping the future of Hager products and brands, making Hager design an international vane.**

Before we start designing a new product, we think about the people it is going to serve. Will it assist or entertain, observe or protect, save time or save energy? Ideally, whatever it does, users will feel it is a reliable "friend". We need to know how to connect with people on an emotional level, to ensure that in return they feel connected to our products.

Design links exquisite emotions to great usability and quality. How to illustrate this better than through this new Hager range? I designed it with special care to become a real trendsetter for good taste. We know that the Asian continent is constantly raising its design sensibility and quality expectations. It is exciting to create in this particular context where tradition and change operate together. This new design range will upgrade the standard of living in a clearly visible way. Hope you enjoy it as much as I do.

## Erwin van Handenhoven

Hager Group Design Director



**Hager Electro S.A.S**  
132 Boulevard d'Europe BP3  
67215 Obernai Cedex  
France

Tel: +33 (0) 3 88 49 50 50

[hager.com/intl-en](http://hager.com/intl-en)



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