

Hager Inspire
wiring accessories

Design for a better life

: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 dismountable 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.I.Q 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.

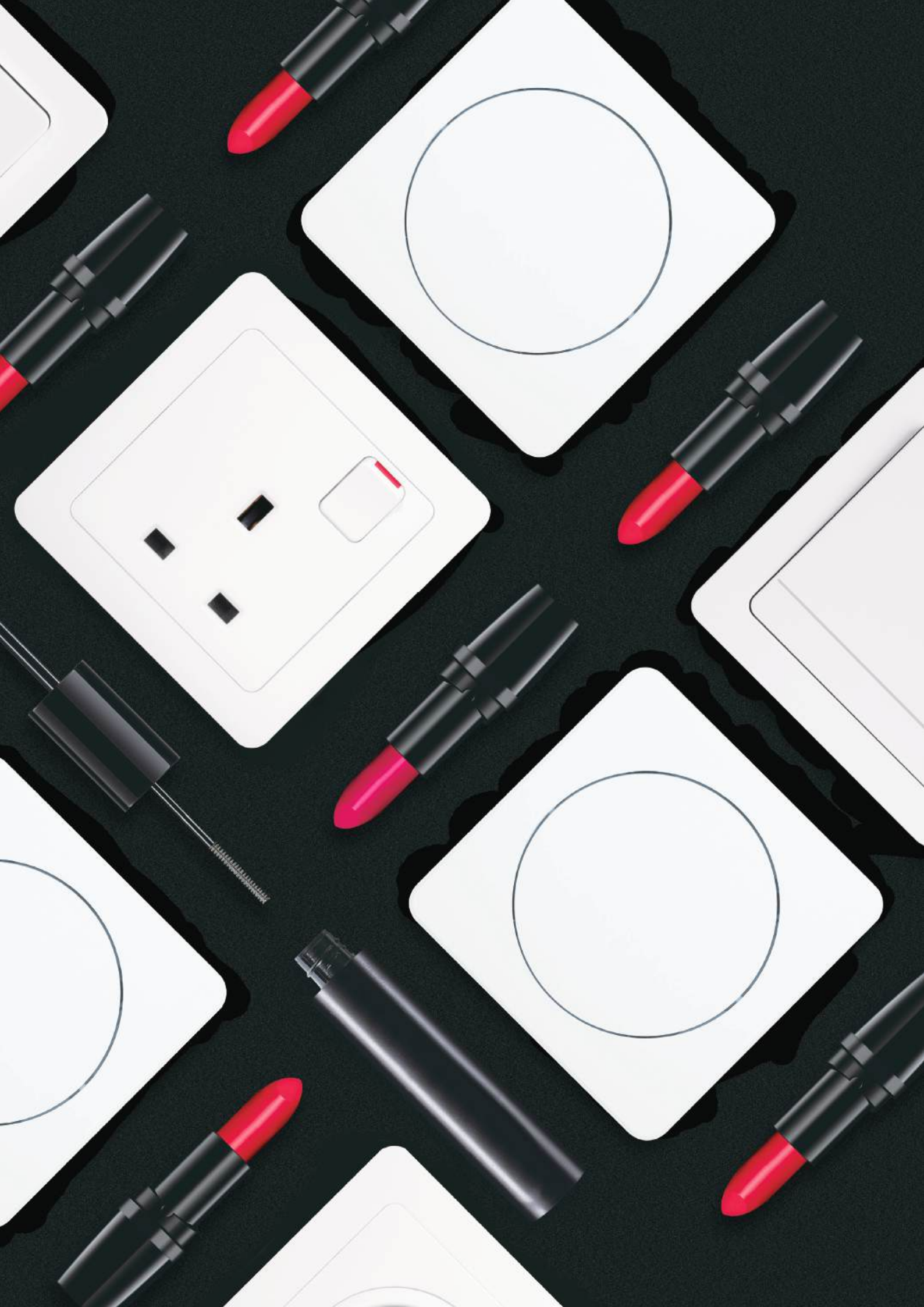


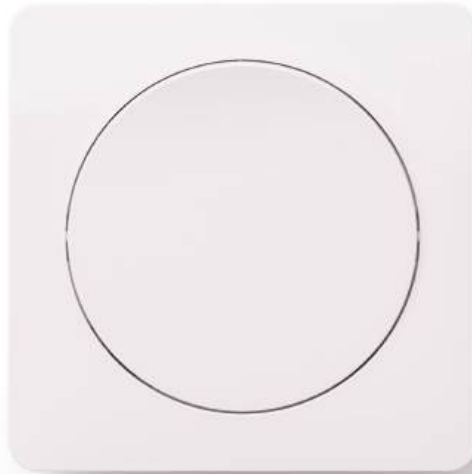
2018

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

A top-down view of various cosmetic products scattered on a black background. The products include several tubes of red and pink lipstick, some open and some closed, and several white, square-shaped compact cases. A white keyboard is partially visible in the bottom left corner, with a few keys highlighted in red. The overall composition is clean and modern, with a focus on the vibrant colors of the cosmetics against the dark background.

**Inspire to
aim high**





**Creative
round
design**





Exquisite design

With fine craft, designed precisely, only for the purpose of providing abundant wiring space and convenient installation means.



Delicate chamfering

Good design lies in every detail. Creative and delicate idea brings excellence to our living and working spaces.

Multicolor options

Many choices to fit your ideas: white, aurora silver, noble bronze, knight black, and elegant gold.





The unique brand

Individuality need not to be displayed but it is an expression of your character. The hager brand is exquisitely and uniquely located on the side, offering the product boundless space for expression and letting the essence of beauty blend with the quality of life.



Consistent in size

In accordance with the highest standard, the switch and socket are consistent in size, offering flexible interchange-ability.



13A 3 pin socket with USB charger

The socket is equipped with two 2.4A USB chargers, which intelligently adapt to mobile devices with different power consumptions, ensuring safety and fast charging.

Multi gang frame

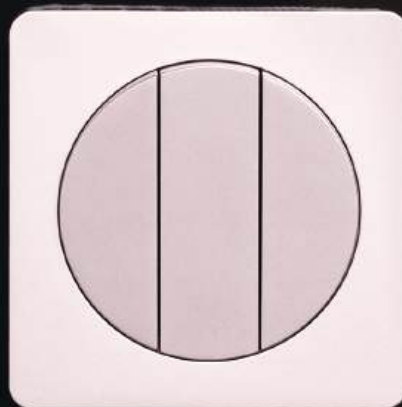
Conjoined switch, socket and data combination, a delight on the wall, convenient and beautiful.

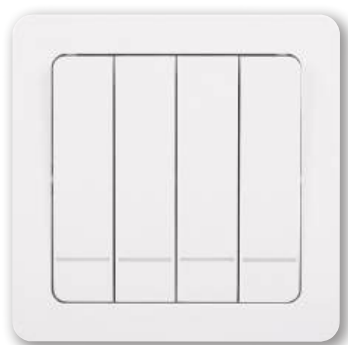




Customized panels

To meet design requirements, customers can enjoy exclusive customized service, making your switch panels unique.





Switch equipped with fluorescent indicator

The switch is dotted with rays of light like twinkling stars, waiting quietly for its guests to enter. Responding to your fingertip, it makes the home bright.



IP55 waterproof cover

Ensuring safety against water and dust ingress when operating in wet and dusty areas.



Quick installation

The mounting bracket has superior strength and rigidity. It is suitable for all kinds of installation conditions.

U type screwed terminals

Capacity of terminal can fit 2 x 4mm² or 3 x 2.5mm² flexible/ rigid cable. However, it is easy for wiring and faster for installation.







USB charger

4.2A, 5V charger with 1 Type C and 2 Type A port suits most portable electronic devices.

No need for extra charger, with only USB cables.

Up to 3 devices can be charged simultaneously. Easy and convenient to use.



16AX reliable and high performance

Mechanical switch

Rated current: 16AX

Rated Power: 4000W

The load capacity of switch is stronger, for better performance in increasing demanding installation.

Identification for power

Delayed power off is built-in, 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.



















Hager Inspire series



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- Complies with IEC 60669-1 CB certificate
- 'AX' rated - No need to derate for fluorescent loads
- 10 AX (100W Self Ballasted Lamp (SBL))
- 16 AX (200W Self Ballasted Lamp (SBL))
- Supplied with M3.5 x 37 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. White	Cat. Ref. Aurora Silver	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
								
		Large dolly switch						
WGCL111	WGCL112	16AX, 1 gang 1 way	10	WGCL111	WGCXL111AS	WGCXL111NB	WGCXL111KB	WGCXL111EG
		16AX, 1 gang 2 way	10	WGCL112	WGCXL112AS	WGCXL112NB	WGCXL112KB	WGCXL112EG
		16AX, 2 gang 1 way	10	WGCL121	WGCXL121AS	WGCXL121NB	WGCXL121KB	WGCXL121EG
		16AX, 2 gang 2 way	10	WGCL122	WGCXL122AS	WGCXL122NB	WGCXL122KB	WGCXL122EG
		16AX, 3 gang 1 way	10	WGCL131	WGCXL131AS	WGCXL131NB	WGCXL131KB	WGCXL131EG
WGCL131	WGCL132	16AX, 3 gang 2 way	10	WGCL132	WGCXL132AS	WGCXL132NB	WGCXL132KB	WGCXL132EG
		16AX, 4 gang 1 way	10	WGCL141	WGCXL141AS	WGCXL141NB	WGCXL141KB	WGCXL141EG
		16AX, 4 gang 2 way	10	WGCL142	WGCXL142AS	WGCXL142NB	WGCXL142KB	WGCXL142EG
		Large dolly switch with fluorescence						
WGCL111F	WGCL112F	16AX, 1 gang 1 way	10	WGCL111F	WGCXL111FAS	WGCXL111FNB	WGCXL111FKB	WGCXL111FEG
		16AX, 1 gang 2 way	10	WGCL112F	WGCXL112FAS	WGCXL112FNB	WGCXL112FKB	WGCXL112FEG
		16AX, 2 gang 1 way	10	WGCL121F	WGCXL121FAS	WGCXL121FNB	WGCXL121FKB	WGCXL121FEG
		16AX, 2 gang 2 way	10	WGCL122F	WGCXL122FAS	WGCXL122FNB	WGCXL122FKB	WGCXL122FEG
		16AX, 3 gang 1 way	10	WGCL131F	WGCXL131FAS	WGCXL131FNB	WGCXL131FKB	WGCXL131FEG
WGCL131F	WGCL132F	16AX, 3 gang 2 way	10	WGCL132F	WGCXL132FAS	WGCXL132FNB	WGCXL132FKB	WGCXL132FEG
		16AX, 4 gang 1 way	10	WGCL141F	WGCXL141FAS	WGCXL141FNB	WGCXL141FKB	WGCXL141FEG
		16AX, 4 gang 2 way	10	WGCL142F	WGCXL142FAS	WGCXL142FNB	WGCXL142FKB	WGCXL142FEG
		Round switch						
WGCR111	WGCR112	16AX, 1 gang 1 way	10	WGCR111	WGCXR111AS	WGCXR111NB	WGCXR111KB	WGCXR111EG
		16AX, 1 gang 2 way	10	WGCR112	WGCXR112AS	WGCXR112NB	WGCXR112KB	WGCXR112EG
		16AX, 2 gang 1 way	10	WGCR121	WGCXR121AS	WGCXR121NB	WGCXR121KB	WGCXR121EG
		16AX, 2 gang 2 way	10	WGCR122	WGCXR122AS	WGCXR122NB	WGCXR122KB	WGCXR122EG
		16AX, 3 gang 1 way	10	WGCR131	WGCXR131AS	WGCXR131NB	WGCXR131KB	WGCXR131EG
WGCR131	WGCR132	16AX, 3 gang 2 way	10	WGCR132	WGCXR132AS	WGCXR132NB	WGCXR132KB	WGCXR132EG
















- Complies with
IEC 60669-1
CB certificate

- 10 AX
(100W Self Ballasted Lamp (SBL))

- Supplied with M3.5 x 37 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. White	Cat. Ref. Aurora Sliver	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
								
		Large dolly switch						
WGCL113		10AX, 1 gang intermediate	10	WGCL113	WGCXL113AS	WGCXL113NB	WGCXL113KB	WGCXL113EG
								
WGCL111B		10A, 1 gang bell switch mark bell symbol	10	WGCL111B	WGCXL111BAS	WGCXL111BNB	WGCXL111BKB	WGCXL111BEG
								
WGCL111E		10A, 1 gang press switch mark "EXIT"	10	WGCL111E	WGCXL111EAS	WGCXL111ENB	WGCXL111EKB	WGCXL111EEG
		Press switch						
WGCL111P		10A, 1 gang	10	WGCL111P	WGCXL111PAS	WGCXL111PNB	WGCXL111PKB	WGCXL111PEG
								
WGCL121P		10A, 2 gang	10	WGCL121P	WGCXL121PAS	WGCXL121PNB	WGCXL121PKB	WGCXL121PEG
								
WGCL131P		10A, 3 gang	10	WGCL131P	WGCXL131PAS	WGCXL131PNB	WGCXL131PKB	WGCXL131PEG
								
WGCL141P		10A, 4 gang	10	WGCL141P	WGCXL141PAS	WGCXL141PNB	WGCXL141PKB	WGCXL141PEG
		Press round switch						
WGCR111P		10A, 1 gang	10	WGCR111P	WGCXR111PAS	WGCXR111PNB	WGCXR111PKB	WGCXR111PEG
								
WGCR121P		10A, 2 gang	10	WGCR121P	WGCXR121PAS	WGCXR121PNB	WGCXR121PKB	WGCXR121PEG
								
WGCR131P		10A, 3 gang	10	WGCR131P	WGCXR131PAS	WGCXR131PNB	WGCXR131PKB	WGCXR131PEG

Remark: Blue reference product - only available under special request








Hager Inspire Dimmer and fan controller switches

- Complies with
IEC 60669-2-1

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

- Capacity of each terminal:
3 x 1.5 mm²

- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref. White	Cat. Ref. Aurora Sliver	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
								
		Fan control						
WGCEFR250		250VA, single	6	WGCEFR250	WGCXEFR250AS	WGCXEFR250NB	WGCXEFR250KB	WGCXEFR250EG
								
WGCEDR500		Dimmer 40-500W single, 2 way	6	WGCEDR500	WGCXEDR500AS	WGCXEDR500NB	WGCXEDR500KB	WGCXEDR500EG

Remark 1: Separate ordering for single or twin frame is required for all color ranges; Only white range references come in complete set.

Remark 2: Subject to change without prior notice

- Complies with
IEC 60669-1
CB certificate

- 20 AX
(250W Self Ballasted Lamp (SBL))

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

- Capacity of each terminal:

20AX

L, N, E: 2 x 4 mm²

32A, 45A

L, N : 2.5 mm² ~ 16 mm²

E x 2: 2.5 mm² ~ 16 mm²

- Material: Polycarbonate



WGCL2D1N
WGCL2D12N



WGCL2D2N

Description	Pack qty.	Cat. Ref. White	Cat. Ref. Aurora Silver	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold

DP switch with LED

20AX, 1 gang	10	WGCL2D1N	WGCXL2D1NAS	WGCXL2D1NNB	WGCXL2D1NKB	WGCXL2D1NEG
20AX, 2 gang	10	WGCL2D2N	WGCXL2D2NAS	WGCXL2D2NNB	WGCXL2D2NKB	WGCXL2D2NEG
20AX, 1 gang 2 way	10	WGCL2D12N	WGCXL2D12NAS	WGCXL2D12NNB	WGCXL2D12NKB	WGCXL2D12NEG

Special marks	Abbreviation	Special marks	Abbreviation	Special marks	Abbreviation
"AIR CONDITONER"	AC	"HOB"	HB	"WASHER"	WS
"DISH WASHER"	DW	"HOOD"	HD	"WASHING MACHINE"	WM
"DRYER"	DR	"MICROWAVE"	MW	"WATER HEATER"	WH
"FRIDGE"	FR	"OVEN"	OV		

Example: **"WATER HEATER" WH**

20AX 1 gang **WGCL2D1WH** **WGCXL2D1ASWH** **WGCXL2D1NBWH** **WGCXL2D1KBWH** **WGCXL2D1EGWH**



WGCR32D1



WGCR45D1

Control switch with LED

32A DP	8	WGCR32D1	WGCXR32D1AS	WGCXR32D1NB	WGCXR32D1KB	WGCXR32D1EG
45A DP	8	WGCR45D1	WGCXR45D1AS	WGCXR45D1NB	WGCXR45D1KB	WGCXR45D1EG

Remark: Blue reference product - only available under special request

- Complies with
BS 1363-2
SS 145-2












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

- USB output current
2.4A (Max)










- Material: Polycarbonate

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

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
























		Description	Pack qty.	Cat. Ref. White	Cat. Ref. Aurora Silver	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
								
	WGCS113S	13A single switched	10	WGCS113S	WGCXS113SAS	WGCXS113SNB	WGCXS113SKB	WGCXS113SEG
	WGCS113SN	13A single switched w/ LED	10	WGCS113SN	WGCXS113SNAS	WGCXS113SNNB	WGCXS113SNKB	WGCXS113SNEG
	WGCS113SUSB	13A single switched + 2 x USB chargers	8	WGCS113SUSB	WGCXS113SUSBAS	WGCXS113SUSBNB	WGCXS113SUSBKB	WGCXS113SUSBEG
		13A twin switched	14	WGCS213S	WGCXS213SAS	WGCXS213SNB	WGCXS213SKB	WGCXS213SEG
	WGCS213S	13A twin switched w/ LED	14	WGCS213SN	WGCXS213SNAS	WGCXS213SNNB	WGCXS213SNKB	WGCXS213SNEG
	WGCS213SN	13A twin switched + 2 x USB chargers	10	WGCS213SUSB	WGCXS213SUSBAS	WGCXS213SUSBNB	WGCXS213SUSBKB	WGCXS213SUSBEG
	WGCS213SUSB	Remark: Grey reference product - coming soon						

- Complies with
BS 546 (15A sockets)
SS 472 (15A sockets)
IEC 60884-1 (16A 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 mm² or
2 X 4.0 mm²
- Integral rocker design of
switched sockets provides
clear red 'on' indication (for
15A socket)
- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref. White	Cat. Ref. Aurora Silver	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
								
	WGCS115S	15A round pin switched	10	WGCS115S	WGCXS115SAS	WGCXS115SNB	WGCXS115SKB	WGCXS115SEG
	WGCS116S	16A German socket w/ shutter	8	WGCS116S	WGCXS116SAS	WGCXS116SNB	WGCXS116SKB	WGCXS116SEG
	WGCS116EA	16A single Euro-American	10	WGCS116EA	WGCXS116EAAS	WGCXS116EANB	WGCXS116EAKB	WGCXS116EAEG
	WGCS216EA	16A twin Euro-American	10	WGCS216EA	WGCXS216EAAS	WGCXS216EANB	WGCXS216EAKB	WGCXS216EAEG

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

- Material: Polycarbonate

		Description	Pack qty.	Cat. Ref. White	Cat. Ref. Aurora Silver	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
								
		RJ11 outlet						
WGCT1RJ		1 mod	10	WGCT1RJ	WGCXT1RJAS	WGCXT1RJNB	WGCXT1RJKB	WGCXT1RJEG
		2 mod	10	WGCT2RJ	WGCXT2RJAS	WGCXT2RJNB	WGCXT2RJKB	WGCXT2RJEG
WGCT2RJ								
		RJ45 outlet loose plate						
WGCT1RJ6LP		1 mod	20	WGCT1RJ6LP	WGCXT1RJ6LPAS	WGCXT1RJ6LPNB	WGCXT1RJ6LPKB	WGCXT1RJ6LPEG
		1 mod	20	WGCT1RJ6LPNM	WGCXT1RJ6LPNMAS	WGCXT1RJ6LPNMNB	WGCXT1RJ6LPNMKB	WGCXT1RJ6LPNMEG
WGCT1RJ6LPNM		without symbol						
		2 mod	20	WGCT2RJ6LP	WGCXT2RJ6LPAS	WGCXT2RJ6LPNB	WGCXT2RJ6LPKB	WGCXT2RJ6LPEG
WGCT2RJ6LP		2 mod	20	WGCT2RJ6LPNM	WGCXT2RJ6LPNMAS	WGCXT2RJ6LPNMNB	WGCXT2RJ6LPNMKB	WGCXT2RJ6LPNMEG
		without symbol						
WGCT2RJ6LPNM								
		RJ45 cat6 outlet						
WGCT1RJ6		1 mod	10	WGCT1RJ6	WGCXT1RJ6AS	WGCXT1RJ6NB	WGCXT1RJ6KB	WGCXT1RJ6EG
		1 mod	10	WGCT1RJ6NM	WGCXT1RJ6NMAS	WGCXT1RJ6NMNB	WGCXT1RJ6NMKB	WGCXT1RJ6NMEG
WGCT1RJ6NM		without symbol						
		2 mod	10	WGCT2RJ6	WGCXT2RJ6AS	WGCXT2RJ6NB	WGCXT2RJ6KB	WGCXT2RJ6EG
WGCT2RJ6		2 mod	10	WGCT2RJ6NM	WGCXT2RJ6NMAS	WGCXT2RJ6NMNB	WGCXT2RJ6NMKB	WGCXT2RJ6NMEG
		without symbol						
WGCT2RJ6NM								
		RJ45 cat5e outlet						
WGCT1RJ5		1 mod	10	WGCT1RJ5	WGCXT1RJ5AS	WGCXT1RJ5NB	WGCXT1RJ5KB	WGCXT1RJ5EG
		2 mod	10	WGCT2RJ5	WGCXT2RJ5AS	WGCXT2RJ5NB	WGCXT2RJ5KB	WGCXT2RJ5EG
WGCT2RJ5								
		RJ11 + RJ45 cat5e outlet						
WGCT2RJRJ5		2 mod	10	WGCT2RJRJ5	WGCXT2RJRJ5AS	WGCXT2RJRJ5NB	WGCXT2RJRJ5KB	WGCXT2RJRJ5EG
WGCT2RJRJ6		RJ11 + RJ45 cat6 outlet						
		2 mod	10	WGCT2RJRJ6	WGCXT2RJRJ6AS	WGCXT2RJRJ6NB	WGCXT2RJRJ6KB	WGCXT2RJRJ6EG
		TV inlet/outlet + RJ45 cat5e						
WGCT2TVRJ5		2 mod	10	WGCT2TVRJ5	WGCXT2TVRJ5AS	WGCXT2TVRJ5NB	WGCXT2TVRJ5KB	WGCXT2TVRJ5EG
		TV inlet/outlet						
WGCT1TV		1 mod	10	WGCT1TV	WGCXT1TVAS	WGCXT1TVNB	WGCXT1TVKB	WGCXT1TVEG
		TV inlet/outlet + RJ45 cat6 (DATA marking)						
WGCT2TVRJ6		2 mod	10	WGCT2TVRJ6	WGCXT2TVRJ6AS	WGCXT2TVRJ6NB	WGCXT2TVRJ6KB	WGCXT2TVRJ6EG
		TV outlet, F type						
WGCT1TVF		1 mod	10	WGCT1TVF	WGCXT1TVFAS	WGCXT1TVFNB	WGCXT1TVFKB	WGCXT1TVFEG
		TV outlet, F type + RJ45 Cat6 (DATA marking)						
WGCT2TVFRJ6		1 mod	10	WGCT2TVFRJ6	WGCXT2TVFRJ6AS	WGCXT2TVFRJ6NB	WGCXT2TVFRJ6KB	WGCXT2TVFRJ6EG

Remark 1: Separate ordering for single or twin frame is required for all color ranges; Only white range references come in complete set.


















Remark 2: Subject to change without prior notice

- 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. Aurora Silver	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
	16AX DND & MUR with LED (Indoor)	10	WGCHDC	WGCXHDCAS	WGCXHDCNB	WGCXHDCKB	WGCXHDCEG
WGCHDC							
	USB charger USB charger 4.2A (1 x type C) + (2 x type A)	8	WGCS3USB	WGCXS3USBAS	WGCXS3USBNB	WGCXS3USBKB	WGCXS3USBEG
WGCS3USB							
	USB + 3.5mm audio	10	WGCHUSB35	WGCXHUSB35AS	WGCXHUSB35NB	WGCXHUSB35KB	WGCXHUSB35EG
WGCHUSB35							
	Emergency switch	8	WGCEE1	WGCXEE1AS	WGCXEE1NB	WGCXEE1KB	WGCXEE1EG
WGCEE1							
	Audio switch 6W	6	WGCEA6	WGCXEA6AS	WGCXEA6NB	WGCXEA6KB	WGCXEA6EG
WGCEA6							
	Shaver socket (with frame for color products) 115/230V	1	WGCHSR	WGCXHSRAS	WGCXHSRNB	WGCXHSRKB	WGCXHSRREG
WGCHSR							
	16A key tag - mechanical	6	WGCHKTM	WGCXHKTMAS	WGCXHKTMB	WGCXHKTMB	WGCXHKTMEG
WGCHKTM							
	16A key tag - RFID	6	WGCHKTRFID	WGCXHKTFRIDAS	WGCXHKTFRIDNB	WGCXHKTFRIDKB	WGCXHKTFRIDEG
WGCHKTRFID							

	Description	Pack qty.	Cat. Ref. White	Cat. Ref. Aurora Silver	Cat. Ref. Noble Bronze	Cat. Ref. Knight Black	Cat. Ref. Elegant Gold
							
 WGCC2KB  WGCCV2NB  WGCC3NB  WGCC4  WGCC5KB	Multi-gang frame						
	2 gang horizontal	18	WGCC2	WGCC2AS	WGCC2NB	WGCC2KB	WGCC2EG
	2 gang vertical	18	WGCCV2	WGCCV2AS	WGCCV2NB	WGCCV2KB	WGCCV2EG
	3 gang horizontal	12	WGCC3	WGCC3AS	WGCC3NB	WGCC3KB	WGCC3EG
	3 gang vertical	12	WGCCV3	WGCCV3AS	WGCCV3NB	WGCCV3KB	WGCCV3EG
	4 gang horizontal	12	WGCC4	WGCC4AS	WGCC4NB	WGCC4KB	WGCC4EG
	5 gang horizontal	9	WGCC5	WGCC5AS	WGCC5NB	WGCC5KB	WGCC5EG
 WGCBP1  WGCVE2	Blank plate						
	1 gang	20	WGCBP1	WGCBP1AS	WGCBP1NB	WGCBP1KB	WGCBP1EG
	Accommodation plate						
	2 modules	14	WGCVE2	WGCVE2AS	WGCVE2NB	WGCVE2KB	WGCVE2EG
Remark: Grey reference product - coming soon							
 WGCC2  WGCC1S  WGCC1R	Single frame						
	2 gang	25	WGCC2	WGCC2AS	WGCC2NB	WGCC2KB	WGCC2EG
	1 gang square	40	WGCC1S	WGCC1SAS	WGCC1SNB	WGCC1SKB	WGCC1SEG
	1 gang round	40	WGCC1R	WGCC1RAS	WGCC1RNB	WGCC1RKB	WGCC1REG
 XC9003  XC9004	WA covers (Transparent)						
	IP55 single size	40	XC9003				
	IP55 twin size	40	XC9004				

Remark: Blue reference product - only available under special request

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.

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.


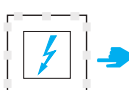
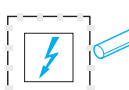
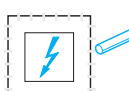
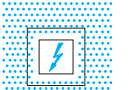
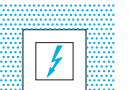
The Electrical Equipment (Safety) Regulations requires electrical equipment to be safe. Electrical equipment which satisfies the safety provisions of Harmonised standards shall be taken to comply with this requirement, unless there are reasonable grounds for suspecting that the equipment does not so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

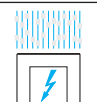
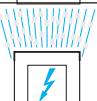
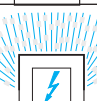
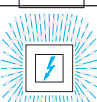
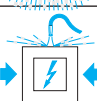
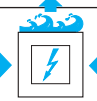
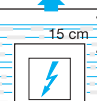
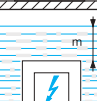
The first character numeral indicated the degree of protection provided by the enclosure with respect to persons, also to the equipment inside the enclosure.

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

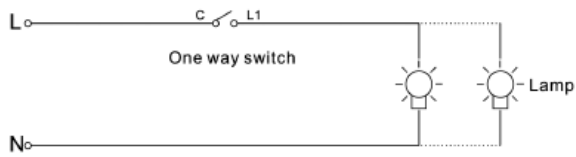
	Description
A	Protected against access of the back of the hand
B	Protected against access of a finger
C	Protected against access of a tool - ø 2.5mm
D	Protected against access of a tool - ø 1mm

Additional letter (in option)

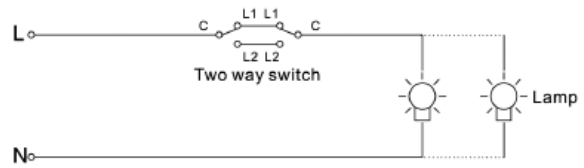
Specific information on the product

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

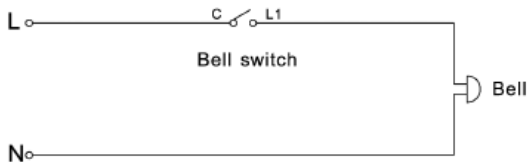
One way switch



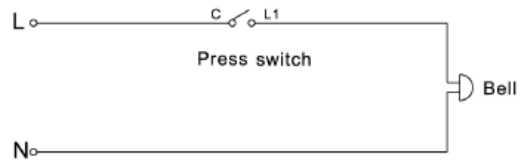
Two way switch



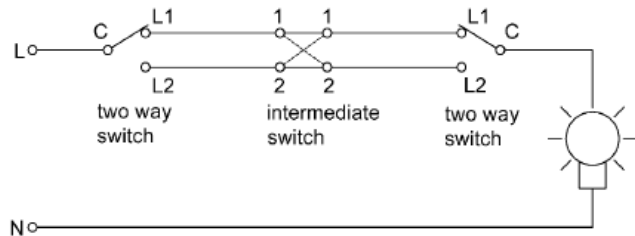
Marked BELL switch



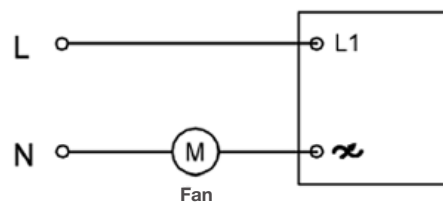
Marked PRESS switch



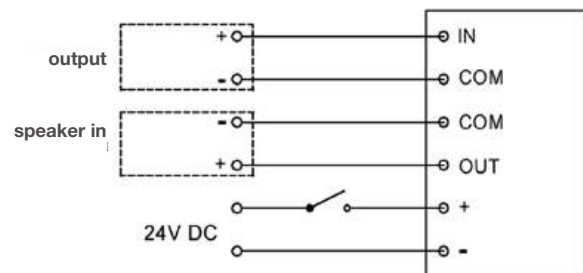
Intermediate switch



Fan control

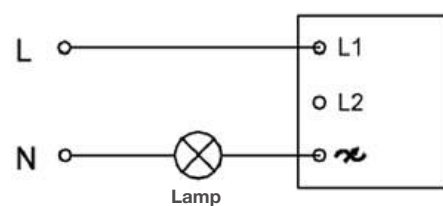


Audio switch

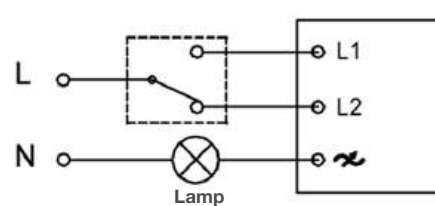


Dimmer switch

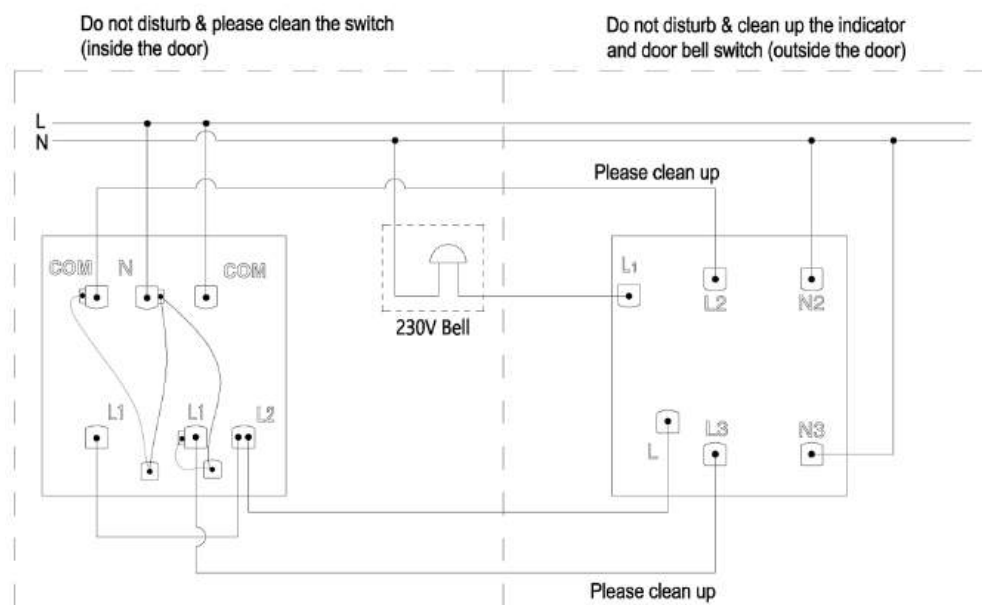
1. One way connection



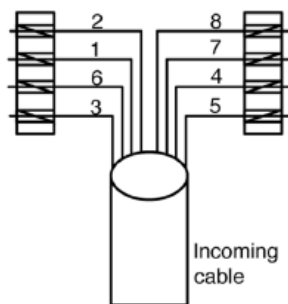
2. Two way connection



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
(Compliance to EIA/TIA 568-C-2)

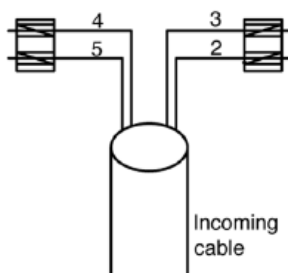


RJ45 Jack

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

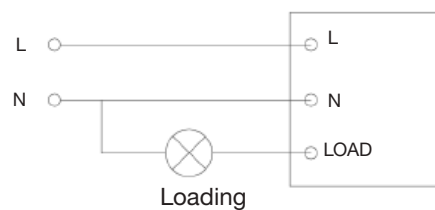


RJ11 Jack

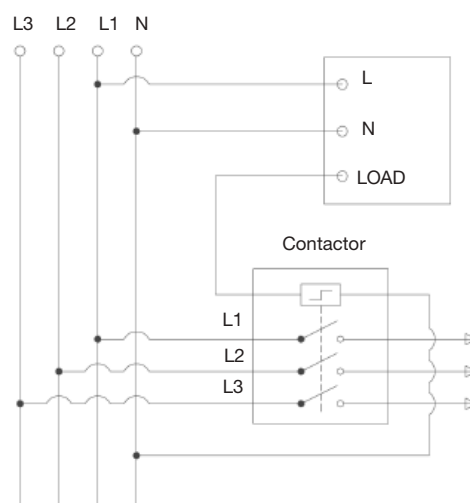
RJ11 Jack pin.

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

Key card
Direct load



Key card
Connected load through contactor



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.

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 Carlton 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

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

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

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 his 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

Corporate Design Director of Hager Group
Hager Group Design Director

[illegible]

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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