

AXOLUTE

AXOLUTE

CATALOGUE 07

AX07C/UGB



CATALOGUE 07

AXOLUTE



Quality design and functionality.
Domestic line and integrated video door entry systems.

Traditional and digital technology.
From controls to colour displays.



Rich look.

Combinations of materials, finishes and shapes.

Work excellence.

Innovative solutions, quality installations.



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AXOLUTE

AXOLUTE is the best choice for prestige environments: the richness of the aesthetic proposals as well as the technological content of the fixtures will enhance your electric system like never before.

AXOLUTE
has been awarded the
2005 INTEL DESIGN award



The richness of combinations meets all domestic styles:

- modern or period country houses
- apartments and prestigious condos
- show rooms and representative offices



▲ The displays enhance the technological content of the system.

How should AXOLUTE be introduced?

Liberty is the key word to enhance AXOLUTE's potential.

BEAUTY WITH LIBERTY

AXOLUTE has been designed to provide you with the maximum choice of materials, finishes and shapes.

- ▶ **Why use the same cover plate in the whole house?**
AXOLUTE provides you with the most appropriate material and finishings for all environments. Therefore, consider choosing the cover plates on completion of work.

TECHNOLOGY WITH LIBERTY

From a traditional system to a digital system; a wide range of devices makes it possible to customize the functionalities of the system according to the specific needs of customers.



- ▶ The Video Station can be a simple video door-entry unit or a real multi-media home station.

QUALITY DESIGN AND FUNCTIONALITY

Wiring devices and
video door entry systems integrated

The light point is totally new; four elements characterize the design:

- 1 cover plates
- 2 axial controls
- 3 chromium plated frame
- 4 blue LED

1 Two **cover plate** structures:

- one is **rectangular**, enhanced by the accuracy of the machining processes
- the other is **elliptic**, characterized by a particular light reflection

The cover plate structures and all devices can be installed in the **one-piece supporting frame**.

2 The **control**; technological and elegant in two shiny metalized finishes:

- Axolute Aluminum
- Axolute Anthracite



- 4 The **blue** (optional) **LED** emphasizes the technological essence of the line.

3 The **chromium plated frame**, an elegant element of originality, is the distinguishing feature of the two structures.



The colour displays and the use of images improve interaction and become an integral part of the system.

THE DISPLAY CONTROL

The Touch Screen enables you to control all functions through customizable icons.



Touch Screen

THE EVOLUTION OF VIDEO DOOR ENTRY SYSTEMS

The high resolution LCD Display, the control menus and the hands-free mode will make these devices enjoyably easy to use.

When using AXOLUTE front cover plates, video door entry units will perfectly integrate into the domestic line.



Video Station



TRADITIONAL AND DIGITAL TECHNOLOGY

From controls to colour displays

A wide range of controls
to choose the best solution.

AXIAL CONTROL DEVICES

The innovative axial mechanism allows you to keep the devices aligned between each other: with Axolute, nothing can be more elegant.

OFF POSITION



PRESSURE



ON POSITION



The finishes of the buttons are metalized and even brighter thanks to a layer of transparent paint which will guarantee clean buttons over time.

The control is more ergonomic thanks to the central gem which facilitates its localization. Moreover, it is where the blue light of the LED is emitted.

TRADITIONAL STYLE CONTROL DEVICES

Contemporaneity and tradition coexist to give customers more personality. This variation lights up all around the control.

ROCKER CONTROL DEVICES

In conjunction with the current habits, the catalogue also includes the traditional tilting control.



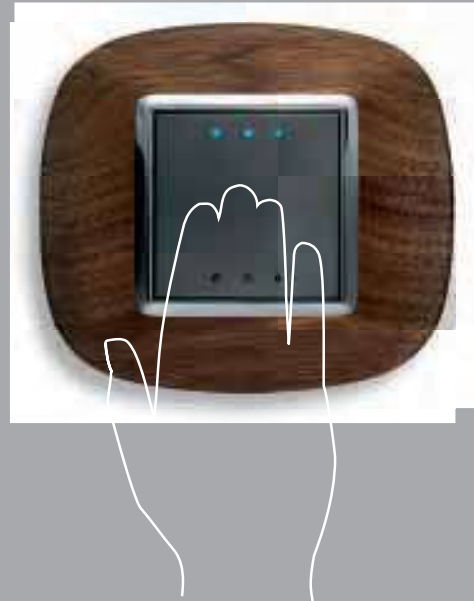
DIGITAL CONTROL

AXOLUTE's technological design has been studied to improve the MY HOME systems.



SOFT TOUCH

A light touch, a simple and silent movement, to operate any MY HOME activating/adjustment function.



SCENARIO TOUCH

By using an entirely customizable object it is possible to achieve the first level of integration of the MY HOME functions by controlling four scenarios: automation, lighting, temperature control and sound system.



TRADITIONAL AND DIGITAL TECHNOLOGY

From controls to colour displays

TOUCH SCREEN

MY HOME's typical object representing the new evolution of the control based on colour icons, which can be completely customized. An environment control for controlling all functions from one point easily and intuitively.



VIDEO DISPLAY

With AXOLUTE, the world of images steps into the domestic line and into MY HOME. It can be used alone as a main handset or with the Video Station as a secondary panel. Furthermore, it can be combined with MY HOME thanks to the function management menu.

IT CAN BE INSTALLED IN A FLUSH-MOUNTING BOX 506E and perfectly blends in with the domestic lines because it is completed with the cover plate.



VIDEO STATION

It represents the evolution of the video door entry unit. The wide 5.6" colour display, the completeness of the functions and its management through the customizable menu makes it the **multi-media station for controlling your house**. The dimensions, the way it has been carefully designed and the choice of the materials have made the Video Station **perfect for being installed in prestige environments**. It can be wall mounted and completed with glass, teak wood and aluminum cover plates.



AXOLUTE COMBINES DOMESTIC LINE, MY HOME AND VIDEO DOOR ENTRY SYSTEMS



WIRING
DEVICES

MY HOME
AND WIRING
DEVICES

MY HOME

VIDEO DOOR ENTRY
SYSTEMS AND
MY HOME

VIDEO DOOR ENTRY
SYSTEMS AND
MY HOME

RICH LOOK

Combinations of materials, finishes and shapes

The rectangular, essential and elegant cover plates represent the rational essence of AXOLUTE.



Aluminium:
anodized, natural and brushed

ALUMINUM is a protagonist of modern furnishing. Thin thicknesses and anodized / painted finishes catch the eye thanks to the precision of the diamond cut on all corners.



Red China:
aluminum painted with
shiny metalized effect



Ashwood

The warm and natural material of **WOOD** is proposed with the most commonly used species in prestige furnishings: bleached ash, teak, wenge.

- ▶ The wooden and stone cover plates are made from natural materials. Possible shade differences are distinctive and prestige features.



Kristall:
toughened glass, transparent and
chemically treated

GLASS, a technological yet natural material,
finely and carefully processed.



Blue:
shiny glass
the gem of the control



The **STONE** represents the utmost degree of
prestige of the installation. The naturalness
of the material is combined with the
technological brightness of the buttons.
Two Italian stones of undisputed value are
included in the catalogue: split slate and
Carrara marble.

RICH LOOK

Combinations of materials, finishes and shapes

The soft contours and original reflexes of the elliptic plates totally meet all tastes and styles, whether they are classical or technological

The **METALS**: precious and classic finishes of undisputed value, such as gold and silver, are included in the catalogue along with new and technological varnishes which match the colour of the fixture.



Gold mat



Liquid blue
one of the 5 plastic finishes
of the catalogue

AXOLUTE's **POLYCARBON** is a top-design product. Modern technologies give depth to its colour; additionally, they add the brightness of water to the cover plate.



Walnut

WOOD is a prime example suggested in three fine species: Maple, Cherry and Walnut.

- ▶ The wooden and leather cover plates are made from natural materials. Possible shade differences are distinctive and prestige features.

CORIAN® is a plastic material used in modern furniture, i.e. high quality kitchen shelves. As elegant and compact as stone, as warm and inalterable as polymers: it is included in the catalogue with two finishes similar to granite.

▶ **CORIAN®** is a registered trademark DuPont™



Corian Dusk



Brushed Alessi stainless steel

ALESSI STAINLESS STEEL. Two finishes, a shiny one and a satiny one, result from the collaboration with Alessi, an acknowledged manufacturer of household quality-design products. Contemporaneity and tradition blend in bringing you high quality and long-lasting products.

LEATHER speaks the language of prestige: soft, warm and sophisticated at the same time. There are two finishes: sand and coffee. These are able to enhance technology with an elegant natural appearance

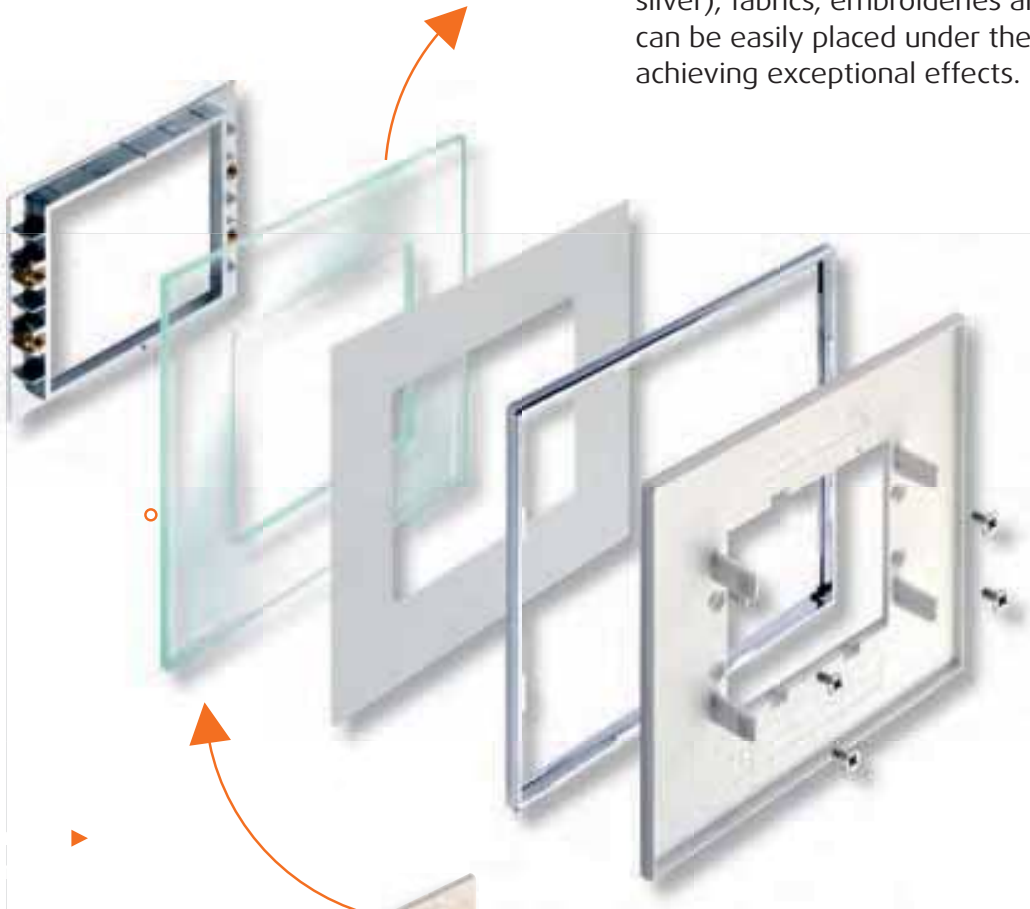


Sand leather

RICH LOOK

Combinations of materials,
finishes and shapes

Kristall can be easily removed by unscrewing the 4 screws placed under the chromium plated frame. Metallic foils (copper, gold, silver), fabrics, embroideries and wallpaper can be easily placed under the glass thus achieving exceptional effects.



Shi
4 r



- ◀ The chromium plated frame makes it possible to manufacture cover plates made of any material, as long as it can be processed in 4mm thick plates. Accordingly, the glasses and the stones included in the catalogue can be taken as examples of materials selected among the endless available possibilities. Thus, the glass part of the cover plate becomes the template to be given to the craftsman in order to complete the electric system with the material chosen by the customer.

LIGHT: THE DISTINCTIVE VALUE OF DESIGN AND TECHNOLOGY

The magic of the blue light and the knowledge of the design have been combined to offer (optional) ergonomic solutions. The technology used is the LED, which guarantees the maximum quality in terms of reliability and efficiency.

A delicate and optional light helps you localize the light point of the controls and of the Schuko socket in the nighttime.



Schuko



Control and illuminated supporting frame



Traditional style control and illuminated supporting frame



Switchsocket



Visible light even during the day in the half light.

WORK EXCELLENCE

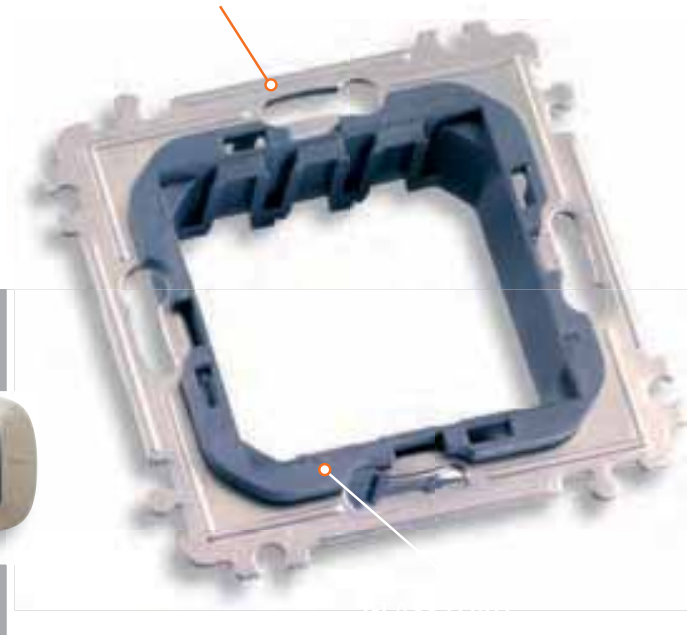
Innovative solutions,
quality installations

ONE SUPPORTING FRAME

- maximum sturdiness
- maximum protection of its rich style
- all hooks are made of stainless steel
- all cover plates and devices combination

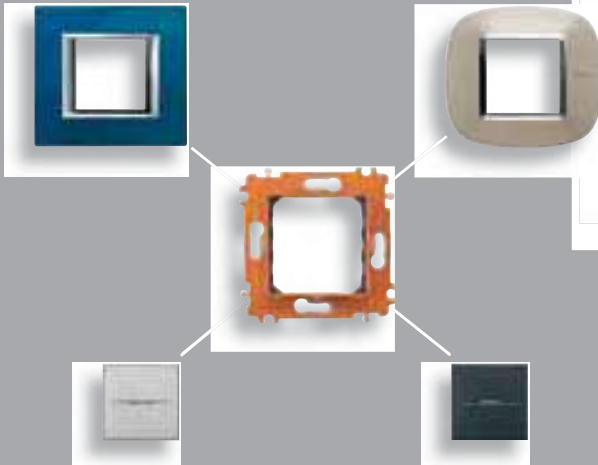
STAINLESS STEEL

- Maximum mechanical resistance



POLYCARBONATE

- Electrical safety of the insulating plastic



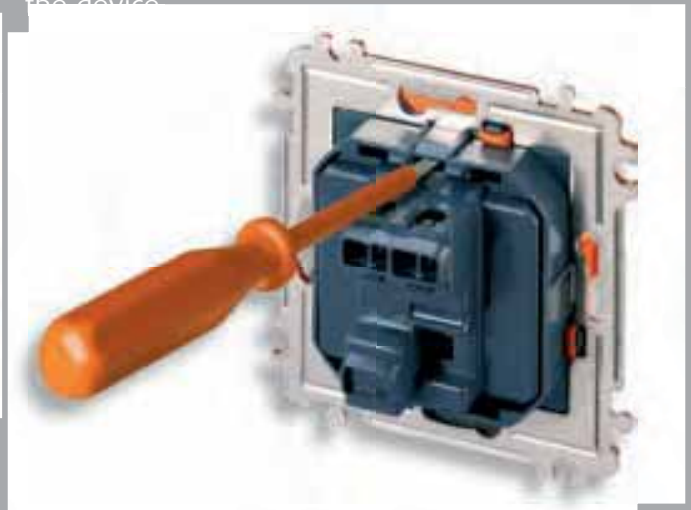
HOOKS

- all hooks are made of stainless steel
- maximum quality and reliability



EASY RELEASE OF PRODUCTS

The steel spring guarantees optimum fastening as well as an easy release. Use the tip of a screwdriver at the back (first at the top and then at the bottom) to free the device.



▶ **Transparent protection**

▶ **Supporting frame with orange frame-cover**



WORK EXCELLENCE IS MAINTAINED THROUGHOUT ALL THE PROCESSING STAGES
The orange frame-cover and the transparent protection are an integral part of the supporting frame and guarantee the intactness of the devices, hence protecting them against dust, paint and scratches even after the installation



◀ **Install the devices without removing the orange frame-cover**



◀ **When painting, finish off by installing the transparent protection**



◀ **If the system is used before installing the plate, do not remove the orange frame-cover**



◀ **Complete the installation with cover plate**

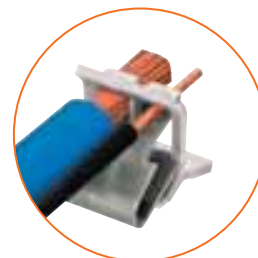
WORK EXCELLENCE

Innovative solutions,
quality installations

NEW AUTOMATIC TERMINAL CAGE CLAMP®S: WIRING EXCELLENCE

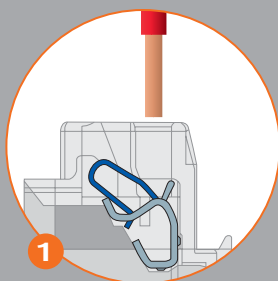
Innovative automatic terminal for rigid and flexible cables. The constant pressure on the cables guarantees optimal long-lasting contact: the problem concerning the half turn on the screw terminals is definitely solved.

- Simple and quick cabling: you just need to strip the cable and insert it directly into the terminal
- Using a screwdriver for the opening will prevent accidental releases in boxes full of cables

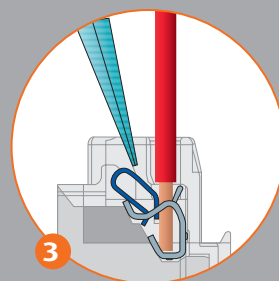
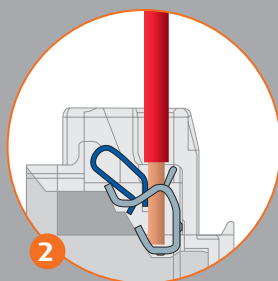


The two independent springs of the terminal guarantee a perfect grip for cables with different diameters, up to 2.5 mm²

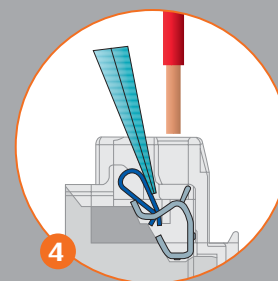
■ EXAMPLE OF CABLING WITH RIGID CABLES



1 After stripping the cable, put it directly into the terminal



3 Use a screwdriver to pull out the cable



► CAGE CLAMP®S is a registered trademark of  Kontakttechnik GmbH, Germany!

■ SCREWLESS TERMINALS DEVICES

BASIC CONTROL DEVICES



1 way switch, 2 way switch,
pushbutton 1 module and 2 modules

SOCKET OUTLETS



SOCKET OUTLETS: schuko standard
and Italian standard

STANDARD INSTALLATION

GERMAN AND FRENCH STANDARD

■ Boxes centre distance 71 mm

■ Boxes centre distance 57 mm



2 modules



2 + 2 modules



2 + 2 + 2 modules



2 + 2 + 2 + 2 modules



2 + 2 modules



2 + 2 + 2 modules

BRITISH STANDARD

AMERICAN STANDARD



2 modules



4 modules



3 modules



5 + 5 modules

ITALIAN STANDARD



2 modules



3 modules



4 modules



6 modules



5 + 3 modules

AXOLUTE CATALOGUE WIRING DEVICES



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Basic control devices

Selecting table

AXIAL SWITCHES				STYLE SWITCHES			
TERMINALS WITH SCREW		SCREWLESS TERMINALS		TERMINALS WITH SCREW		SCREWLESS TERMINALS	
1 module	2 modules	1 module	2 modules	1 module	2 modules	1 module	2 modules

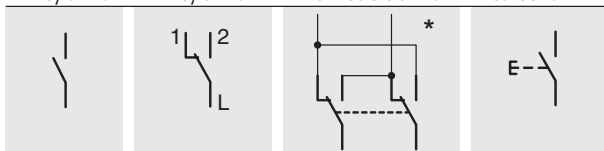
Description

1 way switch		HC4001	HC4001/2	HC4001W	HC4001/2W	HX4001	HX4001/2	HX4001W	HX4001/2W
1P 16A250V a.c.		HS4001	HS4001/2	HS4001W	HS4001/2W	HY4001	HY4001/2	HY4001W	HY4001/2W
2 way switch		HC4003	HC4003/2	HC4003W	HC4003/2W	HX4003	HX4003/2	HX4003W	HX4003/2W
1P 16A250V a.c.		HS4003	HS4003/2	HS4003W	HS4003/2W	HY4003	HY4003/2	HY4003W	HY4003/2W
4 way switch		HC4004	HC4004/2	---	---	HX4004	HX4004/2	---	---
1P 16A250V a.c.		HS4004	HS4004/2	---	---	HY4004	HY4004/2	---	---
Pushbutton		HC4005	HC4005/2	HC4005W	HC4005/2W	HX4005	HX4005/2	HX4005W	HX4005/2W
1P (NO) 10A 250V a.c.		HS4005	HS4005/2	HS4005W	HS4005/2W	HY4005	HY4005/2	HY4005W	HY4005/2W

ALUMINIUM colour devices ANTHRACITE colour devices

Axial switches





1 way switch 2 way switch Intermediate switch Pushbutton



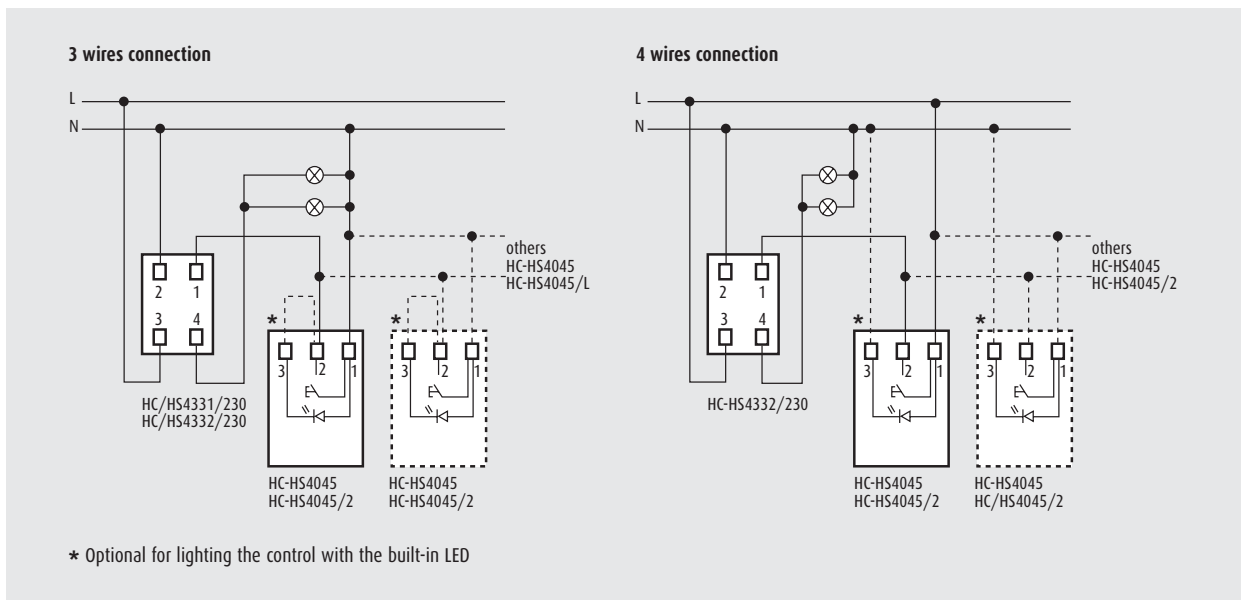
* Equivalent symbol for functional diagram (this symbol is not standardized and has been remade by matching it with 2 two-way single-pole switches)

For a right installation of the switches, it's necessary to maintain the two protections until labour works on the yard are over.

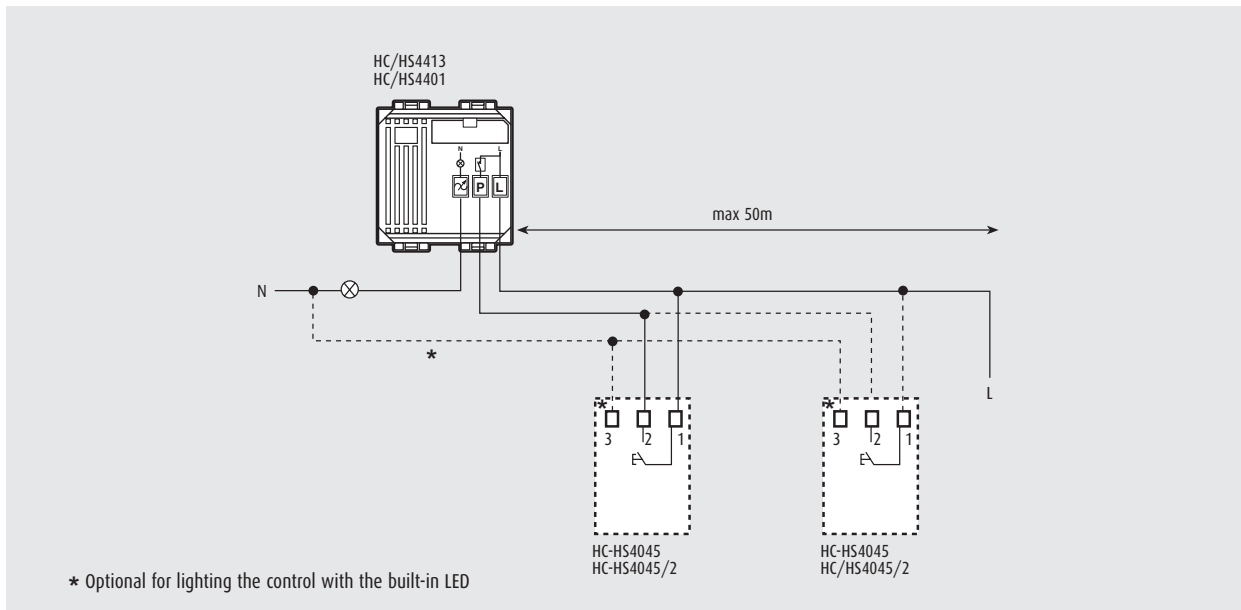


Aluminium colour devices		Anthracite colour devices		ELECTRONIC AXIAL SWITCHES	
				Item	Description
HC4045	HC4045/2	HS4045	HS4045/2	HC4045*	Electronic pushbutton 1P (NO) 1A 250V a.c.
				HS4045*	
				HC4045/2*	Electronic pushbutton 1P (NO) 1A 250V a.c. - 2 modules
				HS4045/2*	
Item conform to BS EN 60 669-1					
* Item not yet available, check availability on order					

Wiring diagram with stepping relay: lamp control from different points



Wiring diagram with dimmers



Basic control devices

Aluminium colour devices



HC4051 HC4051/2
 HC4053 HC4053/2
 HC4054 HC4054/2
 HC4055 HC4055/2



HC4051/20 HC4053/20

Anthracite colour devices



HS4051 HS4051/2
 HS4053 HS4053/2
 HS4054 HS4054/2
 HS4055 HS4055/2



HS4051/20 HS4053/20

ROCKER SWITCHES

Item	Description
HC4051	1 way switch 1P 16A - 250V a.c.
HS4051	
HC4051/2	1 way switch 1P 16A - 250V a.c. - 2 modules
HS4051/2	
HC4053	2 way switch 2P 16A - 250V a.c.
HS4053	
HC4053/2	2 way switch 2P 16A - 250V a.c. - 2 modules
HS4053/2	
HC4054	Intermediate switch 1P 16A - 250V a.c.
HS4054	
HC4054/2	Intermediate switch 1P 16A - 250V a.c. - 2 modules
HS4054/2	
HC4055	Pushbutton 1P (NO) 10A - 250V a.c.
HS4055	
HC4055/2	Pushbutton 1P (NO) 10A - 250V a.c. - 2 modules
HS4055/2	

Items conform to BS EN 60 669-1

Switches

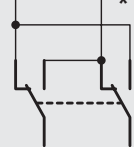
1 way switch



2 way switch



Intermediate switch



Pushbutton



* Equivalent symbol for functional diagram (this symbol is not standardized and has been remade by matching it with 2 two-way single-pole switches)

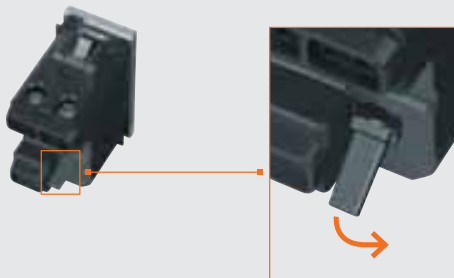
ROCKER SWITCHES 20A

Item	Description
HC4051/20*	1 way switch 1P 20A - 250V a.c.
HS4051/20*	
HC4053/20*	2 way switch 1P 20A - 250V a.c.
HS4053/20*	

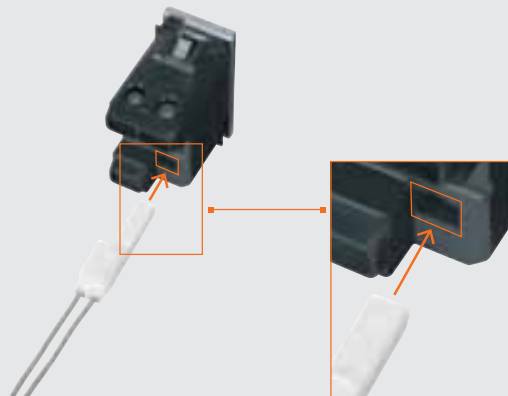
Items conform to BS EN 60 669-1
 * Item not yet available, check availability on order

LED item H4743B/230 placed in the backlight device (see devices table pag. 45)

1) Before inserting the LED, detouch the plastic tongue and install the device on the support



2) Insert LED



Aluminium colour devices



HC4044



HC4033



HC4034



HC4034/2



HC4036



HC4036/2



HC4037



HC4037/2



HC4027



HC4027/2

Anthracite colour devices



HS4044



HS4033



HS4034



HS4034/2



HS4036



HS4036/2



HS4037



HS4037/2



HS4027



HS4027/2

PUSHBUTTON 10A

Item	Description
HC4044	Pushbutton 2P (NO) 10A - 250V a.c. - with independent contacts
HS4044	for traditional hospital system
HC4033	Pull-cord pushbutton 1P (NO) 10A - 250V a.c.
HS4033	
HC4034	Pushbutton 1P (NC) 10A - 250V a.c. prepared for interchangeable
HS4034	rockers
HC4034/2	Pushbutton 1P (NC) 10A - 250V a.c. prepared for interchangeable
HS4034/2	rockers - 2 modules
HC4036	Double pushbutton 1P (NO) + 1P (NO) 10A - 250V a.c.
HS4036	
HC4036/2	Double pushbutton 1P (NO) + 1P (NO) 10A - 250V a.c. - 2 modules
HS4036/2	
HC4037	Interlocked double pushbutton 1P (NO) + 1P (NO) 10A - 250V a.c.
HS4037	
HC4037/2	Interlocked double pushbutton 1P (NO) + 1P (NO) 10A - 250V a.c.
HS4037/2	- 2 modules
H4040	Pushbutton 1P (NO) 10A 250V - name plate - backlit combined with LED - 2 modules

Items conform to BS EN 60 669-1

CHANGEOVER SWITCHES 16A

Item	Description
HC4027	Changeover switch 1P 16A - 250V a.c. double pushbutton 1-0-2
HS4027	
HC4027/2	Changeover switch 1P 16A - 250V a.c. double pushbutton 1-0-2
HS4027/2	- 2 modules

Items conform to BS EN 60 669-1

Common devices



H4040

Basic control devices

Aluminium colour devices



HC4042 HC4043



HC4042/2 HC4043/2



HC4055P HC4055B



HC4002 HC4012 - HC4022



HC4016 HC4391



HC4011S HC4011SW



HC4019

Anthracite colour devices



HS4042 HS4043



HS4042/2 HS4043/2



HS4055P HS4055B



HS4002 HS4012 - HS4022



HS4016 HS4391



HS4011S HS4011SW



HS4019

AXIAL PUSHBUTTON WITH SYMBOLS

Item	Description
HC4042	Pushbutton 1P (NO) 10A - 250V a.c. with bell symbol
HS4042	
HC4042/2	Pushbutton 1P (NO) 10A - 250V a.c. with bell symbol - 2 modules
HS4042/2	
HC4043	Pushbutton 1P (NO) 10A - 250V a.c. with lamp symbol
HS4043	
HC4043/2	Pushbutton 1P (NO) 10A - 250V a.c. with lamp symbol - 2 modules
HS4043/2	

PUSHBUTTON WITH SYMBOL

Item	Description
HC4055P*	Pushbutton 1P (NO) 10A - 250V a.c. marked press
HS4055P*	
HC4055B*	Pushbutton 1P (NO) 10A - 250V a.c. marked Bell
HS4055B*	

SWITCHES

Item	Description
HC4002	1 way switch 2P 20AX - 250V a.c.
HS4002	
HC4012	Switch 2P 16A 250V a.c. with key - the key can be pulled out both in ON position and in OFF position - the keys are different for each device
HS4012	
HC4022	2 way switch - as above
HS4022	

NOTE: the key lock of each device is different from the others. Please refer to Bticino's commercial technicians to have devices with identical locks

KNOB SELECTOR SWITCH

Item	Description
HC4016	Selector switch - rotary switch, 1 way - 4 positions for controlling air-conditioners, fans, etc. - 3A μ 250V a.c.
HS4016	

JACK CONNECTOR

Item	Description
HC4391	Jack pre-setter with 2 closing contacts - 48V 10A
HS4391	(for plug, item 2124N)
2124N	plug/jack for item HC-HS4391

SWITCHES 32A

Item	Description
HC4011S*	32A DP switch with neon and supporting frame
HS4011S*	
HC4011SW*	32A DP switch with neon and supporting frame
HS4011SW*	- marked water heater

SWITCHES 45A

Item	Description
HC4019*	45A switch with neon and supporting frame
HS4019*	(to complete with HA4829... or HB4829... cover plates)

All items on this page conform to BS EN 60 669-1

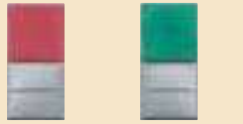
* Item not yet available, check availability on order

Common devices



2124N

Aluminium colour devices



HC4038R/12 HC4038V/12
 HC4038R/24 HC4038V/24
 HC4038R/230 HC4038V/230



HC4038LA/12
 HC4038LA/24
 HC4038LA/230

Anthracite colour devices



HS4038R/12 HS4038V/12
 HS4038R/24 HS4038V/24
 HS4038R/230 HS4038V/230



HS4038LA/12
 HS4038LA/24
 HS4038LA/230

Interchangeable key cover with symbol for luminous pushbutton HC-HS4038LA/...



H4920LA H4920LB H4920LC H4920LD H4920LE H4920LF



H4920LG H4920LH H4920LL H4920LM H4920LN H4920LP



H4920LQ H4920LR H4920LS H4920LZ

AXIAL PUSHBUTTON WITH LAMP - HOLDER

Item	Contacts	Colour of diffuser	Level voltage	Operating current
HC4038R/12 HS4038R/12	1P (NO)	red	12V a.c.	10A
HC4038R/24 HS4038R/24	1P (NO)	red	24V a.c.	10A
HC4038R/230 HS4038R/230	1P (NO)	red	230V a.c. 127V a.c.	10A
HC4038V/12 HS4038V/12	1P (NO)	green	12V a.c.	10A
HC4038V/24 HS4038V/24	1P (NO)	green	24V a.c.	10A
HC4038V/230 HS4038V/230	1P (NO)	green	230V a.c. 127V a.c.	10A

Items conform to BS EN 60 669-1

AXIAL PUSHBUTTON WITH BLUE DIFFUSER - LAMP SYMBOL

Item	Contacts	Colour of diffuser	Level voltage	Operating current
HC4038LA/12 HS4038LA/12	1P (NO)	blue with lamp symbol	12V a.c.	10A
HC4038LA/24 HS4038LA/24	1P (NO)	blue with lamp symbol	24V a.c.	10A
HC4038LA/230 HS4038LA/230	1P (NO)	blue with lamp symbol	230V a.c. 127V a.c.	10A

NOTE: devices with LED previously installed and wired

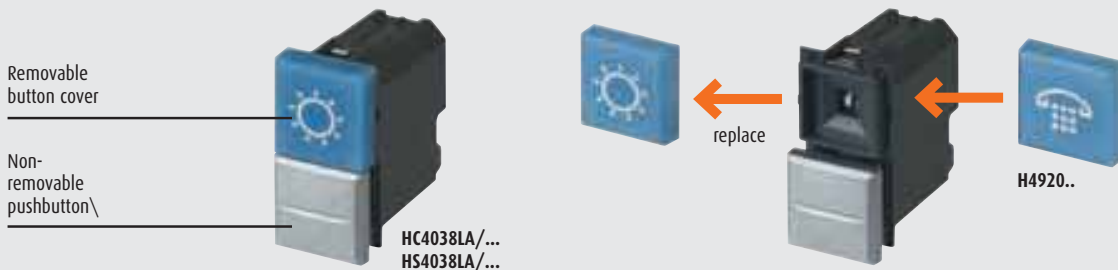
Items conform to BS EN 60 669-1

ROCKERS

Interchangeable rockers with symbol for luminous pushbutton HC-HS4038LA/...

Item	Description
H4920LA	lamp
H4920LB	staircase lights
H4920LC	table light
H4920LD	bell
H4920LE	fan
H4920LF	key
H4920LG	music
H4920LH	telephone
H4920LL	alarm
H4920LM	ON
H4920LN	OFF
H4920LP	deliveryman
H4920LQ	nurse
H4920LR	service
H4920LS	PRESS
H4920LZ	sky-blue(no silk-screen printing)

STAIRCASE LIGHT AXIAL PUSHBUTTON: replace the button cover with the Lamp symbol with the button cover with a symbol included in the catalogue to obtain a different signaling feature. Use a screwdriver to remove the button cover.



Relays

Aluminium colour devices



HC4331/230 HC4332/230



HC4330/230 HC4330/24 HC4330/12

Anthracite colour devices



HS4331/230 HS4332/230



HS4330/230 HS4330/24 HS4330/12

ELECTRONIC STEP RELAY

Item	Description
HC4331/230	cyclic relay, switch 10AX 250V a.c. - 3 wires
HS4331/230	
HC4332/230	cyclic relay, switch 10AX 250V a.c. - 3/4 wires
HS4332/230	

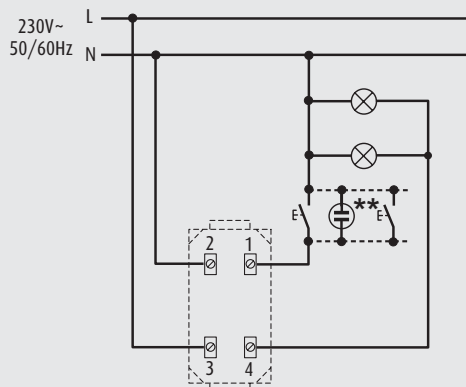
NOTA: AX = current for both incandescence and fluorescent lamps
 Items suggested with electronic axial switches
 Items conform to BS EN 60 669-2-2

MONOSTABLE RELAYS

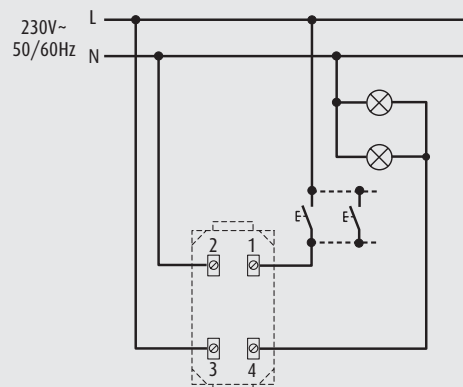
Item	Description
HC4330/230	monostable relay with NO/NC contact 250V a.c. 10A (resistive) 4A
HS4330/230	(inductive coil power supply) 230V a.c.
HC4330/24	as above - coil power supply 24V a.c.
HS4330/24	
HC4330/12	as above - coil power supply 12V a.c.
HS4330/12	

ELECTRONIC STEP RELAY: electrical connections

3 wire connections:
 for items HC-HS4331/230 and HC-HS4332/230**



4 wire connections:
 for item HC-HS4332/230



** Light bulb cannot be installed with item HC-HS4332/230

Rockers with lightable symbol

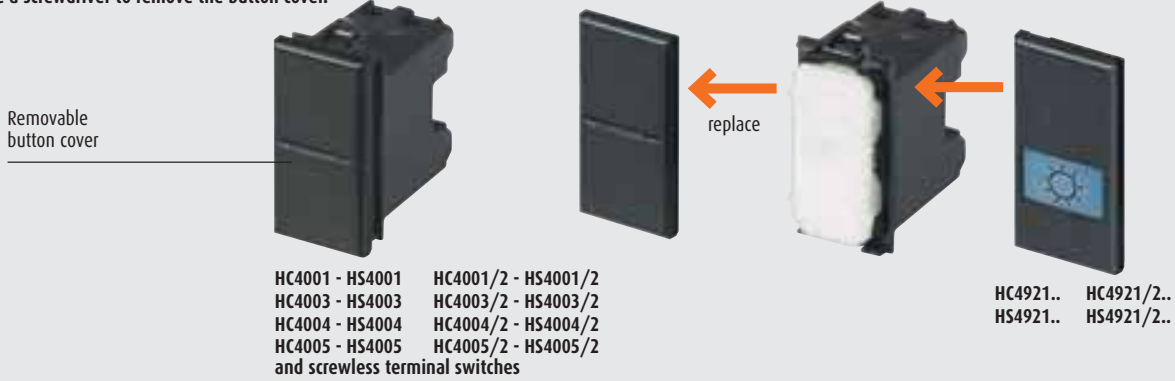


SILK-SCREEN PRINTED ROCKERS WITH LIGHTABLE SYMBOL - FOR AXIAL SWITCHES

Description	1 module	2 module
lamp	HC4921LA	HC4921/2LA
	HS4921LA	HS4921/2LA
staircase lights	HC4921LB	HC4921/2LB
	HS4921LB	HS4921/2LB
table light	HC4921LC	HC4921/2LC
	HS4921LC	HS4921/2LC
bell	HC4921LD	HC4921/2LD
	HS4921LD	HS4921/2LD
fan	HC4921LE	HC4921/2LE
	HS4921LE	HS4921/2LE
key	HC4921LF	HC4921/2LF
	HS4921LF	HS4921/2LF
music	HC4921LG	HC4921/2LG
	HS4921LG	HS4921/2LG
telephone	HC4921LH	HC4921/2LH
	HS4921LH	HS4921/2LH
alarm	HC4921LL	HC4921/2LL
	HS4921LL	HS4921/2LL
ON	HC4921LM	HC4921/2LM
	HS4921LM	HS4921/2LM
OFF	HC4921LN	HC4921/2LN
	HS4921LN	HS4921/2LN
deliveryman	HC4921LP	HC4921/2LP
	HS4921LP	HS4921/2LP
nurse	HC4921LQ	HC4921/2LQ
	HS4921LQ	HS4921/2LQ
service	HC4921LR	HC4921/2LR
	HS4921LR	HS4921/2LR

NOTE: the silk-screen printed rockers can be used to replace the rockers on the axial controls: HC-HS4001 - HC-HS4003 - HC-HS4004 - HC-HS4005 HC-HS4001/2 - HC-HS4003/2 - HC-HS4004/2 - HC-HS4005/2 and screwless terminal switches

Replacement of the rockers cover normally used with basic control devices, with a silk-screen printed button cover. Use a screwdriver to remove the button cover.



Dimmer and electronic control devices

Aluminium colour devices



HC4401 HC4407
HC4407/127



HC4413 HC4416
HC4582



HC4441
HC4442
HC4442/127



HC4449

Anthracite colour devices



HS4401 HS4407
HS4407/127



HS4413 HS4416
HS4582



HS4441
HS4442
HS4442/127



HS4449

Common devices



L4405/60 - L4405/105

DIMMER

Item	Description
HC4401	knob dimmer - TRIAC/IGBT - SOFT-START and SOFT-STOP antiglare function - with inbuilt fuse
HS4401	knob dimmer - TRIAC/IGBT - SOFT-START and SOFT-STOP antiglare function - with inbuilt fuse
HC4407	touch dimmer - SOFT-START and SOFT-STOP antiglare function - with inbuilt fuse
HS4407	touch dimmer - SOFT-START and SOFT-STOP antiglare function - with inbuilt fuse
HC4407/127	as above - 127V a.c.
HS4407/127	as above - 127V a.c.
HC4413	touch dimmer - SOFT-START and SOFT-STOP antiglare function - with inbuilt fuse
HS4413	touch dimmer - SOFT-START and SOFT-STOP antiglare function - with inbuilt fuse
HC4416	"slave" dimmer to increase the installed power controlled by a main dimmer (item HC/HS4413) - SOFT-START and SOFT-STOP antiglare function - with inbuilt fuse
HS4416	"slave" dimmer to increase the installed power controlled by a main dimmer (item HC/HS4413) - SOFT-START and SOFT-STOP antiglare function - with inbuilt fuse
HC4582	touch dimmer 230V a.c./110-127V a.c.
HS4582	touch dimmer 230V a.c./110-127V a.c.

NOTE: see table below to choose dimmers according to the specifications thereof. Items conform to BS EN 60 669-2-1

ROOM THERMOSTAT

Item	Description
HC4441	electronic room thermostat - relay output with 1 switched contact
HS4441	2A 250V a.c. - power 230V a.c.
HC4442	electronic room thermostat with inbuilt "summer/winter" changeover switch - relay output with contact C-NO 2A 250V a.c.
HS4442	electronic room thermostat with inbuilt "summer/winter" changeover switch - relay output with contact C-NO 2A 250V a.c.
HC4442/127	as above - 127V a.c.
HS4442/127	as above - 127V a.c.

Items conform to BS EN 60 730

CHRONOTHERMOSTAT

Item	Description
HC4449	daily/weekly electronic timed thermostat - 7 programs - battery powered 2x1.5V - possibility of connecting an external probe for the temperature and remote control - output changeover contact 1A cosφ 0.5
HS4449	daily/weekly electronic timed thermostat - 7 programs - battery powered 2x1.5V - possibility of connecting an external probe for the temperature and remote control - output changeover contact 1A cosφ 0.5

Items conform to BS EN 60 730

ELECTRONIC TRANSFORMERS

Electronic transformers for quartz-iodine lamps

Item	Description
L4405/60	electronic transformer for low voltage quartz-iodine lamps - input 230V a.c. - 50Hz - output 12V - controllable power 20W-60W
L4405/105	as above - controllable power 35W-105W

Items conform to BS EN 61047

TABLE FOR SELECTING DIMMERS

Type of Load	Power	Power supply	Frequency	Item
Resistive - for ferromagnetic transformers	60 - 500 W	230V a.c. ± 10%	50/60Hz	HC-HS4401
For electronic transformers	60 - 250 VA	230V a.c./127V a.c.	50Hz	HC-HS4407/HC-HS4407/127
Resistive - for ferromagnetic transformers	60 - 500 W 60 - 500 VA	230V a.c.	50Hz	HC-HS4413
Resistive	60 - 500 W	230V a.c.	50Hz	HC-HS4416
Resistive - for ferromagnetic transformers	50 - 1000 W / 50 - 500W 50 - 500 VA / 500 - 300 VA	230V a.c./110-127V a.c.	50/60Hz	HC-HS4582

Electronic control devices

Aluminium colour devices



HC4425
HC4425/127

HC4426
HC4426/127



HC4431

HC4432
HC4432/127



HC4046/2



HC4046/3

Common devices



4482/7



4482/16

Anthracite colour devices



HS4425
HS4425/127

HS4426
HS4426/127



HS4431

HS4432
HS4432/127



HS4046/2



HS4046/3

IR RECEIVER WITH BUILT-IN RELAY

Item	Description
HC4425	1 channel receiver with relay output - cyclic or monostable
HS4425	relay 6A cosφ 1 - 230 V a.c. - 2 modules
HC4425/127	as above - 127V a.c.
HS4425/127	
HC4426	2 channel receiver module with output via 2 interlocked
HS4426	relays 4A cosφ 1 - 230 V a.c. - 2 modules
HC4426/127	as above - 127V a.c.
HS4426/127	

Items conform to BS EN 60 669-2-1

PASSIVE INFRARED SWITCHES

Item	Description
HC4431	switch with passive IR movement detector - variable threshold twilight circuit with possibility to be excluded - timing circuit for switch-off delay, adjustable from 30 seconds to 10 minutes - relay output 2A, resistive/2A inductive - power supply 230V a.c. - 1 module
HS4431	
HC4432	switch with passive IR movement detector - variable threshold twilight circuit with possibility to be excluded - timing circuit for switch-off delay, adjustable from 30 seconds to 10 minutes can also be activated with external pushbuttons - relay output 6A resistive/2A inductive - with selector 0-A-1 - power supply 230V a.c. - 2 modules
HS4432	
HC4432/127	as above - 127V a.c.
HS4432/127	

Items conform to BS EN 60 669-2-1

SOFT TOUCH CONTROLS

Item	Description
HC4046/2*	soft touch with relay - function of cyclic relay and monostable relay
HS4046/2*	- 16A resistive, 10A incandescence lamps, 4A cosφ 0,5 for ferromagnetic transformers and 4A for fluorescent lamps - 2 module
HC4046/3*	as above - 3 module
HS4046/3*	

REMOTE CONTROLS

Item	Description
4482/7	remote control for receiving control (up to 7 in the same room) - 7 transmitting channels - 9V battery powered - recommended for being used in domestic environment
4482/16	remote control for receiving control (up to 16 in the same room) - 8 transmitting channels which can be directly selected, other 8 selectable channels by moving the selector switch - 9V battery powered - used in service industry applications

* Items not yet available, check availability on order

Sockets outlets - German and French standard

Aluminium colour devices



HC4141

HC4141W

Anthracite colour devices



HS4141

HS4141W



HC4142



HS4142

Common devices



H4141R



H4141RW



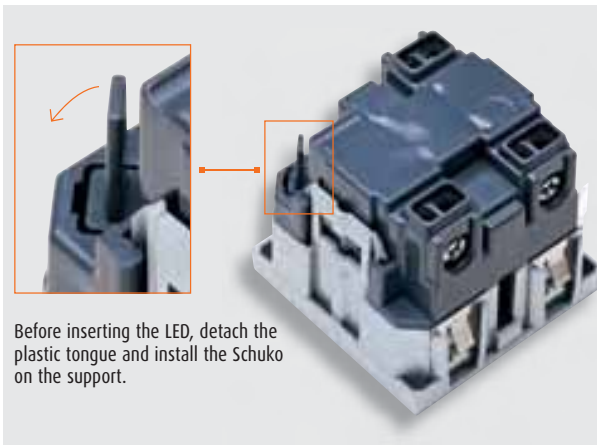
H4142R

SCHUKO SOCKETS OUTLETS

Item	Description
HC4141	Socket 2P+E 10/16A 250V with Schuko-type earth side contacts
HS4141	- shielded socket contacts
H4141R	Socket as above - red, for exclusive uses
HC4141W	Socket 2P+E 10/16A 250V with Schuko-type earth side contacts
HS4141W	- shielded socket contacts - Screwless terminals
H4141RW	Socket as above - red, for exclusive uses - Screwless terminals

FRENCH BELGIAN STANDARD SOCKETS OUTLETS

Item	Description
HC4142	socket 2P+E 10/16A - French standard - shielded socket contacts
HS4142	
H4142R	socket 2P+E 10/16A - French standard - red



Before inserting the LED, detach the plastic tongue and install the Schuko on the support.

New screwless terminals cage clamp®s: wiring excellence

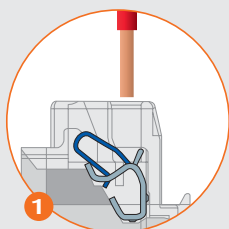
Innovative automatic terminal for rigid and flexible cables. The constant pressure on the cables guarantees optimal long-lasting contact: the problem concerning the half turn on the screw terminals is definitely solved.

- Simple and quick cabling: you just need to strip the cable and insert it directly into the terminal.
- Using a screwdriver for the opening will prevent accidental releases in boxes full of cables.

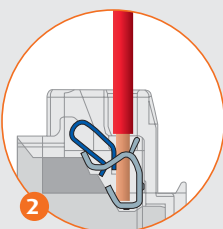


The two independent springs of the terminal guarantee a perfect grip for cables with different diameters, up to 2.5 mm²

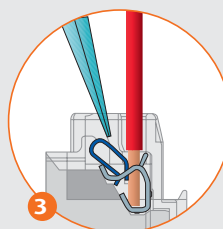
Example of cabling with rigid cable



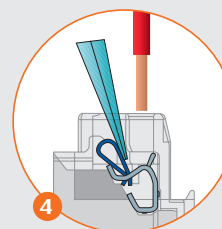
1



2



3



4

After stripping the cable, put it directly into the terminal

Use a screwdriver to pull out the cable

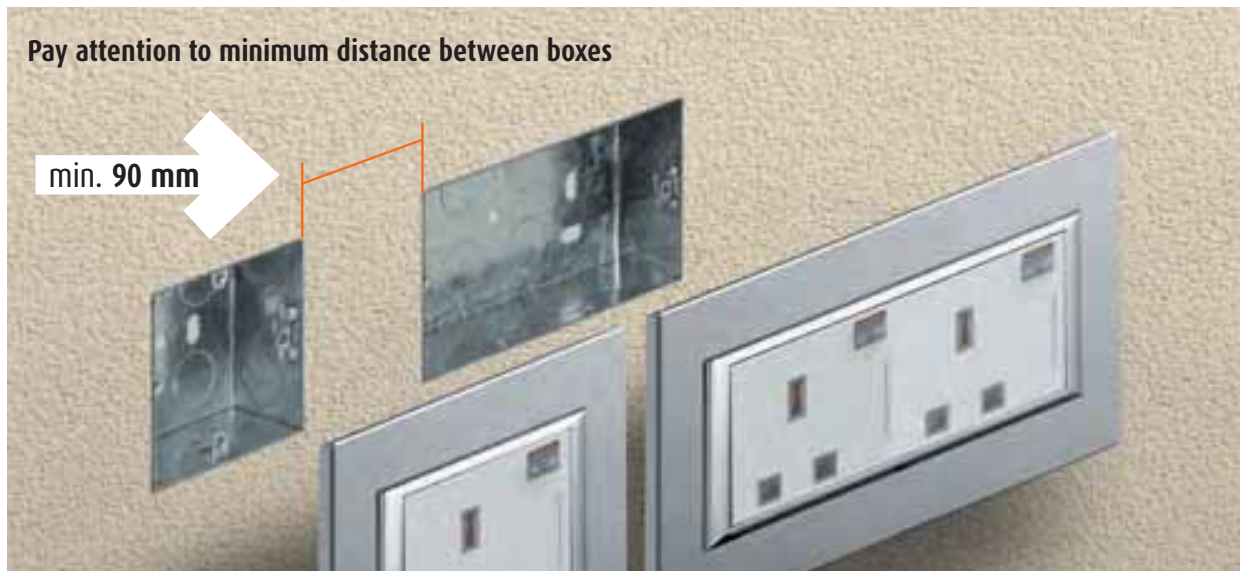
▶ CAGE CLAMP®S is a registered trademark of **WAGO** INNOVATIVE CONNECTIONS Kontakttechnik GmbH, Germany!

Socket outlets - British standard

Aluminium colour devices	Anthracite colour devices	SOCKET OUTLETS 2 MODULES														
		<table border="1"> <thead> <tr> <th>Item</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>HC4150</td> <td>Socket outlet 2 modules - 13 A</td> </tr> <tr> <td>HS4150</td> <td></td> </tr> </tbody> </table> <p>Items conform to BS 1363</p>	Item	Description	HC4150	Socket outlet 2 modules - 13 A	HS4150									
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Item	Description															
HC4151*	1 gang DP dual earth 13 A															
HS4151*																
HC4152*	2 gang DP dual earth 13 A															
HS4152*																
HC4153*	1 gang DP round earth 15 A															
HS4153*																
																
																

COMBINATION SWITCHSOCKET OUTLETS/COVER PLATE		
Socket	Supporting frame	Cover plates
HC-HS4151	Not needed	HA-HB4829..
HC-HS4152	Not needed	HA-HB4830..
HC-HS4153	Not needed	HA-HB4829..

Lightable with item 11255



For a correct AXOLUTE cover plates installation on flush mounting boxes Bticino recommends that the **minimum** distance between boxes, both square (72x72) and rectangular (72x135) must be **90 mm**

Socket outlets - American and universal standard

Aluminium colour devices		Anthracite colour devices		UL AND EURO-US STANDARDS	
				Item	Description
HC4125 HC4125S	HC4126 HC4126S	HS4125 HS4125S	HS4126 HS4126S	HC4125*	Socket 2P 16A - shuttered contact tubes
				HS4125*	- Euro - American standard
HC4127 HC4127S	HC4128 HC4128S	HS4127 HS4127S	HS4128 HS4128S	HC4125S*	Socket 2P 16A - unshuttered contact tubes
				HS4125S*	- Euro - American standard
HC4129S		HS4129S		HC4126*	Socket 2P+E 16A - shuttered contact tubes
				HS4126*	- Euro - American standard - 2 modules
HC4185 HC4185S		HS4185 HS4185S		HC4126S*	Socket 2P+E 16A - unshuttered contact tubes
				HS4126S*	- Euro - American standard - 2 modules
HC4188 HC4188S		HS4188 HS4188S		HC4127*	Socket 2P 15A - shuttered contact tubes - American standard
				HS4127*	Socket 2P 15A - unshuttered contact tubes - American standard
				HC4127S*	Socket 2P 15A - unshuttered contact tubes - American standard
				HS4127S*	American standard
				HC4128*	Socket 2P+E 15A - shuttered contact tubes - American standard - 2 modules
				HS4128*	American standard - 2 modules
				HC4128S*	Socket 2P+E 15A - unshuttered contact tubes - American standard - 2 modules
				HS4128S*	American standard - 2 modules
				HC4129S*	Socket 2P+E 15A - unshuttered contact tubes - American standard
				HS4129S*	American standard
				HC4185*	Duplex socket 2P+E 15A 127/250V a.c. - shuttered contact tubes - Euro-American standard - 3 modules
				HS4185*	Duplex socket 2P+E 15A 127/250V a.c. - unshuttered contact tubes - Euro-American standard - 3 modules
				HC4185S*	Duplex socket 2P+E 15A 127/250V a.c. - shuttered contact tubes - American standard - 3 modules
				HS4185S*	Duplex socket 2P+E 15A 127/250V a.c. - unshuttered contact tubes - American standard - 3 modules
				HC4188*	Duplex socket 2P+E 15A 127/250V a.c. - shuttered contact tubes - American standard - 3 modules
				HS4188*	Duplex socket 2P+E 15A 127/250V a.c. - unshuttered contact tubes - American standard - 3 modules
				HC4188S*	Duplex socket 2P+E 15A 127/250V a.c. - shuttered contact tubes - American standard - 3 modules
				HS4188S*	Duplex socket 2P+E 15A 127/250V a.c. - unshuttered contact tubes - American standard - 3 modules

* Item not yet available, check the availability on order

Socket outlets - Italian standard

Aluminium colour devices



HC4113 HC4180 HC4115
HC4180W



HC4140
HC4140W



HC4140/16
HC4140/16W

Anthracite colour devices



HS4113 HS4180 HS4115
HS4180W



HS4140
HS4140W



HS4140/16
HS4140/16W

Common devices



H4180R H4140R H4140/16R
H4180RW H4140RW H4140/16RW

ITALIAN STANDARD SOCKET OUTLET 1 MODULE

Item	Description
HC4113	Socket 2P+E 10A 250V a.c. - 19 mm center distance - shielded socket contacts, Ø 4 mm
HS4113	Socket as above - red, for exclusive uses
HC4180	Socket 2P+E 10/16A 250V a.c. - 19 mm and 26 mm center distance - shielded socket contacts
HS4180	Socket as above - red, for exclusive uses
HC4115	Safety sockets 2P+E 10A 250V a.c. irreversible for plug item 2200NA or 2200NN
HS4115	Socket as above - red, for exclusive uses
HC4180W	Socket 2P+E 10A and 16A 250V a.c. - 19 mm and 26 mm center distance - shielded socket contacts - screwless terminals
HS4180W	Socket as above - red, for exclusive uses - screwless terminals

ITALIAN STANDARD SOCKET OUTLET 2 MODULES

Item	Description
HC4140	socket 2P+E 10/16A with side contacts and central earthing-contact for SCHUKO sockets and 10A plugs with lined up pins - type P30 - center line of holes 19mm - shuttered contact tubes
HS4140	Socket as above - red, for exclusive uses
HC4140W	socket 2P+E 10/16A with side contacts and central earthing-contact for SCHUKO sockets and 10A plugs with lined up pins - type P30 - center line of holes 19mm - shuttered contact tubes - screwless terminals
HS4140W	socket as above - red, for exclusive uses - screwless terminals
HC4140/16	socket 2P+E 10A and 16A 250V a.c. - 19 mm and 26 mm center distance, 2-center socket configuration - protected socket contacts; earth side contacts for Schuko plugs; suitable for Italian standard plugs 2P and 2P+E 10/16A, Schuko plugs 2P+E 16A
HS4140/16	socket as above - red, for exclusive uses
HC4140/16W	socket 2P+E 10A and 16A 250V a.c. - 19 mm and 26 mm center distance, 2-center socket configuration - protected socket contacts; earth side contacts for Schuko plugs; suitable for: Italian standard plugs 2P and 2P+E 10/16A, Schuko plugs 2P+E 16A - screwless terminals
HS4140/16W	socket as above - red, for exclusive uses - screwless terminals

Screwless terminals:

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WAGO Kontakttechnik GmbH, Germany!

Other socket outlets

Aluminium colour devices		Anthracite colour devices		SPECIFIC STANDARD SOCKETS OUTLETS	
				Item	Description
HC4122	HC4124	HS4122	HS4124	HC4122	Socket 2P 10A Spain
				HC4124	Socket 2P+E 10A - misaligned earth socket contact
HC4183	HC4122ET	HS4183	HS4122ET	HS4124	
				HC4183	Socket 2P+E 10/16A 250V c.a. - special standard - 2 modules
HC4164/12	HC4164/13	HS4164/12	HS4164/13	HS4183	
				HC4122ET	Socket 2P 10A 250V c.a. - contact tubes ø 4 - 4.8mm - center line of holes 19mm - Egypt standard
HC4177	HC4177/127	HS4177	HS4177/127	HC4164/12	Socket 2P+E 10A 250V c.a. - Swiss standard - 1 module
				HC4164/13	Socket as above - 2 modules
HC4178	HC4178	HS4178	HS4178	HS4164/13	

SHAVER SOCKET

Item	Description
HC4177	Shaver socket with insulating transformer - input voltage 230V a.c.
HS4177	50/60Hz - output voltage 115/230V a.c. 20VA
HC4177/127	As above - input voltage 127V a.c.
HS4177/127	
HC4178*	Shaver socket with insulating transformer - input voltage 230V a.c.
HS4178*	50/60Hz - output voltage 115/230V a.c. 20VA - British standard

* Item not yet available, check the availability on order

TV, FM and SAT sockets


Aluminium colour devices




HC4202D HC4202DC




HC4202P HC4202PT HC4269F



HC4214D



HC4210D HC4211D
HC4213D



HC4212 HC4207
HC4204

Common devices



S2133 75RT (N)

Anthracite colour devices



HS4202D HS4202DC



HS4202P HS4202PT HS4269F



HS4214D



HS4210D HS4211D
HS4213D



HS4212 HS4207
HS4204

SCREENED TV + SAT

Screened TV + SAT jacks in die-cast housing with current flow

Item	Description
HC4202D	Shunted coaxial jack - Ø 9.5mm - male connector - 1 module
HS4202D	
HC4202P	As above, pass-through jack
HS4202P	
HC4202PT	As above, pass-through jack - with built-in 75Ω impedance adapter
HS4202PT	

SCREENED TV

Screened TV jacks in die-cast housing without current flow

Item	Description
HC4202DC	Shunted coaxial jack - Ø 9.5mm - male jack - 1 module
HS4202DC	

SCREENED TV + RD + SAT

Item	Description
HC4210D	Screened TV + RD + SAT jacks in die-cast housing with current flow
HS4210D	for installation into rectangular box item 503E, 504E, 506L

TV JACKS TYPE F

Item	Description
HC4269F	TV coaxial connector type F - impedance 75Ω - screw fastening
HS4269F	

DEMIXED TV-SAT

Item	Description
HC4214D	Shunted demixed TV-SAT jack in die cast housing
HS4214D	

SCREENED TV +RD

Item	Description
HC4211D	Double coaxial shunted jack for TV and FM-LMC reception - Ø 9.5mm - Belgium
HS4211D	
HC4213D	Double coaxial shunted jack for TV and FM-LMC reception - Ø 9.5mm - France
HS4213D	

FRONT COVERS

Item	Description
HC4204	Front cover for TV+FM socket
HS4204	
HC4207	Front cover for TV+FM+SAT socket
HS4207	
HC4212	Front cover for TV/FM+SAT socket
HS4212	

PLUG

Plugs, mobile TV jacks and terminal resistance

Item	Description
S2133	Mobile TV plug and jack - Ø 9.5 mm - white - for TV + SAT jacks and N/NT4206D
75RT(N)	Terminal resistance for line closing 75Ω impedance in installations with cascade connection - to be added to the last pass-through jack

RJ and EDP connectors, telephone and special sockets

Aluminium colour devices



HC4279/6 HC4279/6S



HC4262/6 HC4262/6S



HC4258/11N HC4258/11D
HC4258/12D



HC4262/12



HC4238M HC4238S



HC4268SC HC4268ST HC4291



HC4292 HC4293 HC4294

Anthracite colour devices



HS4279/6 HS4279/6S



HS4262/6 HS4262/6S



HS4258/11N HS4258/11D
HS4258/12D



HS4262/12



HS4238M HS4238S



HS4268SC HS4268ST HS4291



HS4292 HS4293 HS4294

CONNECTORS RJ45

Item	Type of connector	Cat.	For plug item	Type of connection
HC4279/6 HS4279/6	RJ45	6 UTP	2841/4	toolless IDC
HC4279/6S HS4279/6S	RJ45	6 FTP with shield	2841/4	toolless IDC
HC4262/6 HS4262/6	RJ45	6 UTP	2841/4	110 IDC
HC4262/6S HS4262/6S	RJ45	6 FTP with shield	2841/4	110 IDC

CONNECTORS RJ11 - RJ12

Item	Type of connector	Cat.	For plug item	Type of connection
HC4258/11N HS4258/11N	RJ11	3	2841/2	K10
HC4258/11D HS4258/11D	RJ11	3	2841/2	K10
HC4258/12D HS4258/12D	RJ12	3	2841/2	K10
HC4262/12 HS4262/12	RJ12	3	2841/2	AMP Barrel

TELEPHONE SOCKET MODULES

Item	Description
HC4268M* HS4268M*	Master telephone socket 1 module
HC4268S* HS4268S*	Secondary telephone socket 1 module

Items conform to BS 6312

JACK FOR OPTICAL FIBER CONNECTORS

Item	Description
HC4268SC* HS4268SC*	Coupling jack for optical fiber - SC cable socket - duplex
HC4268ST* HS4268ST*	Coupling jack for optical fiber - ST cable socket - duplex

SPECIAL DATA MODULES

Item	Description
HC4291 HS4291	Mini socket 2P - contact tubes \varnothing 3mm - center line of holes 13mm - for auxiliary and similar circuits - 6A 24V SELV - terminal connection for plug 2120
HC4292 HS4292	5 pole DIN connector for hi-fi and similar devices - to weld
HC4293 HS4293	2 pole DIN connector - to weld
HC4294 HS4294	connector for home cinema loud speakers

* Item not yet available, check the availability on order

Audible and optical signalling devices

Aluminium colour devices



HC4351/12
HC4351/230
HC4351/127



HC4355/12



HC4356/12
HC4356/230
HC4356/127



HC4380

Anthracite colour devices



HS4351/12
HS4351/230
HS4351/127



HS4355/12



HS4356/12
HS4356/230
HS4356/127



HS4380

Common devices



H4371B/12
H4371B/24
H4371B/230



H4371T/12
H4371T/24
H4371T/230



H4371R/12
H4371R/24
H4371R/230



H4371V/12
H4371V/24
H4371V/230



H4372RT/12
H4372RT/24
H4372RT/230



H4372RV/12
H4372RV/24
H4372RV/230



H4382/12
H4382/24
H4382/230



L4380/B

BELLS

Item	Description
HC4351/12	bronze bell 12V a.c. - 5VA - 80dB
HS4351/12	
HC4351/230	bronze bell 230V a.c. - 12VA - 80dB
HS4351/230	
HC4351/127	bronze bell 127V a.c. - 12VA - 80dB
HS4351/127	
HC4355/12	electronic bell - 3 different sounds - with volume adjustment
HS4355/12	front - power supply 12V a.c. - d.c. - 2 modules

Item conform to BS EN 62 080

BUZZERS

Item	Description
HC4356/12	buzzer 12V a.c. - 5VA - 80dB
HS4356/12	
HC4356/230	buzzer 230V a.c. - 12VA - 80dB
HS4356/230	
HC4356/127	buzzer 127V a.c. - 12VA - 80dB
HS4356/127	

Items conform to BS EN 62 080

RECHARGEABLE TORCH

Item	Description
HC4380	pull-out emergency torch with automatic switch-on device
HS4380	- complete with charger base - white-lighted LED with high luminous efficiency - Ni-MH type interchangeable batteries without "memory" effect - 2 h life - low stand-by consumption: 0.4W - power supply 230V a.c. - 2 modules
L4380/B	spare battery for rechargeable torches

Items conform to BS EN 62 080

PILOT LAMPS WITH INTEGRATED LED

Item	No. of	Colour of	Level	Current	Power
		diffusers	diffuser	voltage	
			integrated LED		
H4371B/12	1	blue	12V a.c.	26mA	300mW
H4371B/24	1	blue	24V a.c.	27mA	700mW
H4371B/230	1	blue	127 and 230V a.c.	21mA	500mW
H4371T/12	1	transparent	12V a.c.	26mA	300mW
H4371T/24	1	transparent	24V a.c.	27mA	700mW
H4371T/230	1	transparent	127 and 230V a.c.	21mA	500mW
H4371R/12	1	red	12V a.c.	26mA	300mW
H4371R/24	1	red	24V a.c.	27mA	700mW
H4371R/230	1	red	127 and 230V a.c.	21mA	500mW
H4371V/12	1	green	12V a.c.	26mA	300mW
H4371V/24	1	green	24V a.c.	27mA	700mW
H4371V/230	1	green	127 and 230V a.c.	21mA	500mW
H4372RT/12	2	red + transparent	12V a.c.	26mA	300mW
H4372RT/24	2	red + transparent	24V a.c.	27mA	700mW
H4372RT/230	2	red + transparent	127 and 230V a.c.	21mA	500mW
H4372RV/12	2	red + green	12V a.c.	26mA	300mW
H4372RV/24	2	red + green	24V a.c.	27mA	700mW
H4372RV/230	2	red + green	127 and 230V a.c.	21mA	500mW

Items conform to BS EN 62 094-1

STEP MARKER LAMPS

Item	Description
H4382/12	step marker lamp with white-lighted LED - 12V a.c.
H4382/24	step marker lamp with white-lighted LED - 24V a.c.
H4382/230	step marker lamp with white-lighted LED - 230V a.c. and 127V a.c.

Items conform to BS EN 62 094-1

Electrical safety devices

Aluminium colour devices



HC4301/6 HC4305/6
 HC4301/10 HC4305/10
 HC4301/16 HC4305/16



HC4321 HC4536

Anthracite colour devices



HS4301/6 HS4305/6
 HS4301/10 HS4305/10
 HS4301/16 HS4305/16



HS4321 HS4536

CIRCUIT BREAKERS

Automatic thermal magnetic circuit breakers

Item	Description
HC4301/6	2 pole automatic thermal magnetic with 1 protected pole indicator of open/closed contacts - breaking capacity 1500A 127/230Va.c.
HS4301/6	
HC4301/10	Circuit breaker as above - 10A - breaking capacity 3000A 127/230Va.c.
HS4301/10	
HC4301/16	Circuit breaker as above - 16A - breaking capacity 3000A 127/230Va.c.
HS4301/16	

Items conform to BS EN 60 898

"SALVAVITA"

Residual current thermal magnetic automatic circuit breakers

Item	Description
HC4305/6	"Salvavita" double pole RCBO with 1 protected pole IΔn 10mA - 6A 127/230Va.c. - indicator of open/closed contacts - test pushbutton - breaking capacity 1500A 127/230Va.c. - 2 modules
HS4305/6	
HC4305/10	"Salvavita" as above - 10A - breaking capacity 3000A 127/230Va.c.
HS4305/10	
HC4305/16	"Salvavita" as above - 16A - breaking capacity 3000A 127/230Va.c.
HS4305/16	

FUSE CARRIER

Item	Description
HC4321	Fuse carrier for fuses 5x20 and 6.3x32
HS4321	- max. 10A 250Va.c.

CURRENT DISCHARGER

Item	Description
HC4536	1P Overvoltage discharger to be combined with the users mains socket - rated discharge voltage In=1kA - max. current Imax.=2kA - max. protection voltage Up=1kV - rated voltage Un=110-230Va.c. - max. permanent voltage Uc=250Va.c.
HS4536	

Gas detector

Aluminium colour devices



HC4511/12

HC4512/12



HC4520

HC4541

Anthracite colour devices



HS4511/12

HS4512/12



HS4520

HS4541

Common devices



F91/12E



L4525/12NO

GAS DETECTORS

Item	Description
HC4511/12	Methane gas detector with optical and audible alarm (85dB)
HS4511/12	- internal self-diagnosis - prearranged for the control of signal repeaters - power supply 12Va.c./d.c. - 2 modules
HC4512/12	LPG detector with optical and audible alarm (85dB) - internal self-diagnosis - prearranged for the control of signal repeaters
HS4512/12	- power supply 12Va.c./d.c. - 2 modules

SIGNAL REPEATER

Item	Description
HC4520	Signal repeater for gas detectors - optical/audible alarm
HS4520	- relay output with 1 switching contact 6A resistive 2A inductive - 2 modules

TRANSFORMER

Item	Description
HC4541	Safety transformer - input 230Va.c. - 50/60Hz - output 12Va.c.
HS4541	- 4VA - 2 modules

DIN TRANSFORMER

Item	Description
F91/12E	Safety transformer - input 230Va.c. - 50/60Hz - output 12Va.c. - 6VA - housing for DIN rail - 3 modules

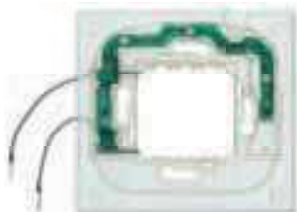
SOLENOID VALVE

Item	Description
L4525/12NO	NO gas solenoid valve - manual reset - power supply 12V 50Hz - power 3VA - consumption in non-working condition: 0 - max. pressure 500 mbar - IP65 protection degree - working temperature -15+60°C - 3/4 " threaded caps and 1/2 " reductions supplied

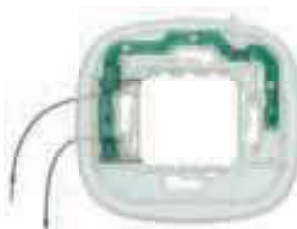
NOTE: good operations is only guaranteed with power supply item HC/HS4541 and F91/12E

Luminous supporting frame

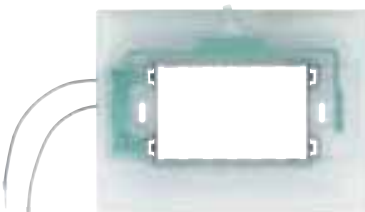
Common devices



HA4702X



HB4702X



HA4703X - HA4703X/127



HB4703X - HB4703X/127



HA4704X - HA4704X/127



HB4704X - HB4704X/127

LUMINOUS SUPPORTING FRAME

Item	Description
HA4702X*	luminous supporting frame 2 mod. for rectangular plates - 230V a.c. - 2.5mA - 0.3W
HB4702X*	luminous supporting frame 2 mod. for elliptic plates - 230V a.c. - 2.5mA - 0.3W
HA4703X	luminous supporting frame 3 mod. for rectangular plates - 230V a.c. - 2.5mA - 0.3W
HA4703X/127	as above - 127V a.c.
HB4703X	luminous supporting frame 3 mod. for elliptic plates - 230V a.c. - 2.5mA - 0.3W
HB4703X/127	as above - 127V a.c.
HA4704X	luminous supporting frame 4 mod. for rectangular plates - 230V a.c. - 2.5mA - 0.3W
HA4704X/127	as above - 127V a.c.
HB4704X	Luminous supporting frame 4 mod. for elliptic plates - 230V a.c. - 2.5mA - 0.3W
HB4704X/127	as above - 127V a.c.

Items conform to BS EN 62094-1

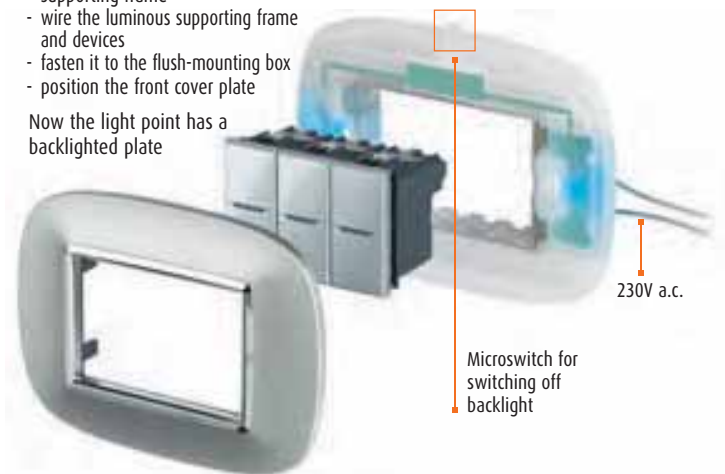
* The supporting frames cannot be set side by side

NOTE: items .../127 are not yet available, check the availability on order

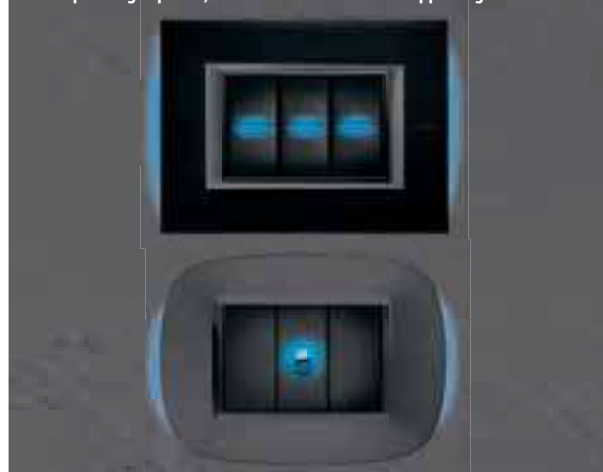
Note on usage of the luminous supporting frame

- install the devices on the luminous supporting frame as on a standard supporting frame
- wire the luminous supporting frame and devices
- fasten it to the flush-mounting box
- position the front cover plate

Now the light point has a backlighted plate



Complete light points, achieved with luminous supporting frame



Accessories and lamps

Aluminium colour devices



HC4949 HC4950



HC4951



HC4953 HC4954



HC4955/20



HC4955/45

Anthracite colour devices



HS4949 HS4950



HS4951



HS4953 HS4954



HS4955/20



HS4955/45

BLANK PLATES

Item	Description
HC4949	1/2 module blank plate
HS4949	
HC4950	1 module blank plate
HS4950	
HC4951	2 modules blank plate
HS4951	
HC4953	Standard output with hole, diameter 9 mm
HS4953	
HC4954	Standard output diam. 9 mm with 2 terminals for small junctions
HS4954	
HC4955/20*	20A flex outlet frontplate unfused
HS4955/20*	Item conform to BS 5733
HC4955/45*	45A flex outlet frontplate unfused
HS4955/45*	Item conform to BS 5733

LED LAMP FOR BACKLIGHT

Item	Description
H4743B/230	Blue LED lamp - 230V a.c. - 2.5mA - 0.3W
H4743B/127	LED as above - 127V a.c.
11255*	LED lamp - 230V a.c.

* Items not yet available, check the availability on order

LED lamp for backlighting



H4743B/230
H4743B/127



11255

TABLE OF DEVICES BACKLIGHTABLE WITH LED ITEM 11255

BS Switch socket outlets
HC4151 - HS4151
HC4152 - HS4152
HC4153 - HS4153

TABLE OF DEVICES BACKLIGHTABLE WITH LED ITEM H4743B/230 AND H4743B/127

Switches	Two-way switches	Intermediate switches	Pushbuttons	Sockets with screw terminals	Sockets with screwless terminals
HC4001 - HC4001/2	HC4003 - HC4003/2	HC4004 - HC4004//2	HC4005 - HC4005/2	HC4140	HC4140W
HS4001 - HS4001/2	HS4003 - HS4003/2	HS4004 - HS4004/2	HS4005 - HS4005/2	HS4140	HS4140W
HX4001 - HX4001/2	HX4003 - HX4003/2	HX4004 - HX4004/2	HX4005 - HX4005/2	HC4140/16	HC4140/16W
HY4001 - HY4001/2	HY4003 - HY4003/2	HY4004 - HY4004/2	HY4005 - HY4005/2	HS4140/16	HS4140/16W
HC4051 - HC4051/2	HC4053 - HC4053/2	HC4054 - HC4054/2	HC4055 - HC4055/2	HS4141	HS4141W
HS4051 - HS4051/2	HS4053 - HS4053/2	HS4054 - HS4054/2	HS4055 - HS4055/2	HC4141	HC4141W
HC4001W - HC4001/2W	HC4003W - HC4003/2W		HC4005W - HC4005/2W	H4140R	H4140RW
HS4001W - HS4001/2W	HS4003W - HS4003/2W		HS4005W - HS4005/2W	H4140/16R	H4140/16RW
HX4001W - HX4001/2W	HX4003W - HX4003/2W		HX4005W - HX4005/2W	H4141R	H4141RW
HY4001W - HY4001/2W	HY4003W - HY4003/2W		HY4005W - HY4005/2W	HC4142	
				HS4142	
				H4142R	

NOTE: see previous page for LED insertion details

AXOLUTE MY HOME CATALOGUE



SECTION INDEX

- 48 General features**
- 52 Wire automation
- 54 Radio automation
- 56 HI-FI stereo sound system
- 58 Burglar alarm
- 61 Temperature control
- 62 Energy management
- 63 Rockers

MY HOME

The way you want
your home to be

SAFETY

- burglar alarm
- remote assistance
- technical alarms
- CCTV



COMMUNICATION

- digital video door entry systems 2 wire



MONEY SAVING

- temperature control
- energy management



COMFORT

- lighting
- blinds automation
- scenarios
- sound diffusion

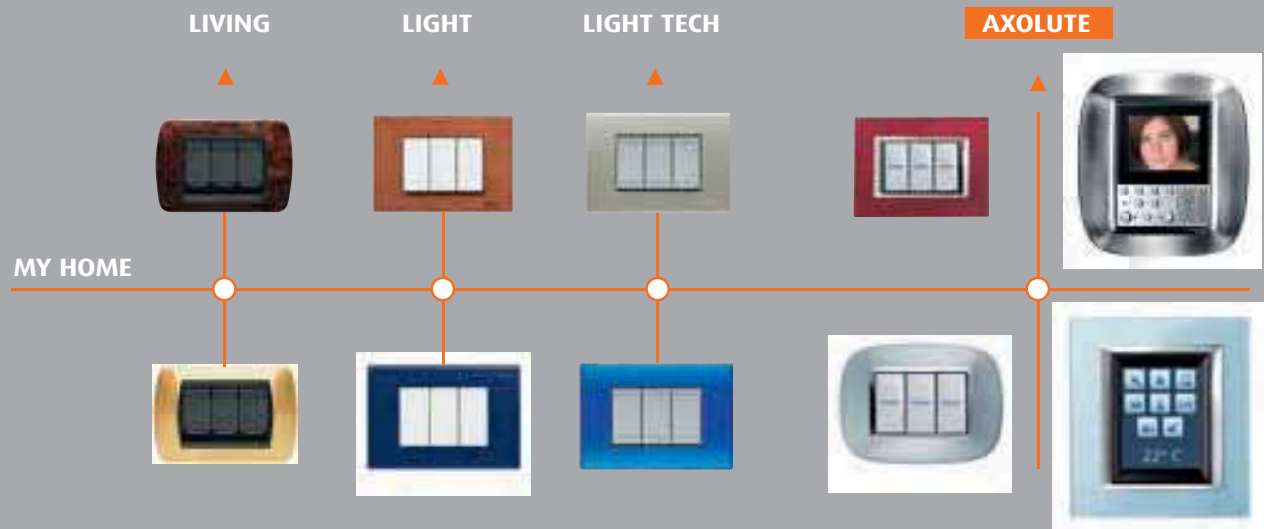
MY HOME is Bticino's domestic automation system. Its advanced solutions are increasingly requested for dwellings as well as in the service sector.

The offer, today also available in AXOLUTE styles, covers all the functions and domestic

applications associated with comfort, safety, money saving, communication and control. Furthermore, with AXOLUTE, thanks to the displays, the images of the application control have been increased thus offering the user a simpler and more intuitive interface.

The Bus technology and the configuration of the products have not changed and are common to all systems achieved so far with the LIVING, LIGHT and LIGHT Tech styles. The following catalogue section includes all

MY HOME items in AXOLUTE styles as well as the main non-aesthetical elements required to achieve applications of comfort, safety and money saving, which are common to the LIVING, LIGHT and LIGHT Tech series.



AXOLUTE MY HOME

Totally free
to choose the control

AXOLUTE's style is characterized by its shapes and by its prestige finishes. Additionally, it is possible to achieve the same MY HOME applications, already available in three domestic styles: LIVING, LIGHT and LIGHT TECH. Also, AXOLUTE offers the chance of choosing

devices to check your own system with simple commands or scenarios complete with all the MY HOME applications. Using colour displays gives you the opportunity of a greater customization of the control, thus simplifying the use of it.

BASIC CONTROL

Enabling and adjusting
a single function with:

- standard controls
- infrared controls
- touch controls



ROOM CONTROL

Colour touch screen:

- customizable icons
- control of all functions
of a single room



SCENARIO CONTROL

The scenarios, complete with all the MY HOME functions, are stored in the scenario module and can be selected from different interfaces, depending on the user's needs:

- 1 Standard control
- 2 Infrared control
- 3 Soft Touch
- 4 Scenario control
- 5 Touch Screen
- 6 Video Station



MONITORING CONTROL

- control of all system functions
- many customization possibilities
- simple and intuitive interface thanks to the use of sounds and images via the Video Station



Video Station

MY HOME

Wire automation

ALUMINIUM COLOUR DEVICES



HC4654 HC4653/2



HC4653/3



HC4680

ANTHRACITE COLOUR DEVICES



HS4654 HS4653/2



HS4653/3



HS4680

COMMON DEVICES



H4651/2



H4652/2



H4652/3



H4684



H4655



H4656



E46ADCN - E46ADCN/127



L4669

ACTIVE INFRARED RECEIVER

Item	Description
HC4654	receiver for remote controlling via remote control 4482/7 and
HS4654	4482/16 - up to 16 activations or scenarios stored in the F420 scenario module

SOFT TOUCH CONTROLS

Item	Description
HC4653/2	2 module touch control for activating and/or adjusting one actuator
HS4653/2	or one scenario stored in the F420 scenario module, adjustable intensity of LEDs
HC4653/3	as HC-HS4653/2 - tre modules
HS4653/3	

SCENARIO CONTROL

Item	Description
HC4680	scenario control that can be customized to control 4 independent
HS4680	"environment situations" stored in the F420 scenario module

CONTROL FOR SPECIAL FUNCTIONS

Item	Description
H4651/2	control for special functions (timed ON, scenarios) which can control one actuator for single or double loads or 4 scenarios stored in the F420 module - to be completed with button covers having 1 or 2 modules with one or two functions
H4655*	control for extended systems - allows you to operate an actuator installed on a different bus relative to the control without using auxiliary controls - to be completed with 1 or 2 key covers with one or two functions
H4656*	timed control - allows you to set an advanced timing function up to 59 minutes and 59 seconds - to be completed with 1 or 2 key covers with one or two functions - AXOLUTE

CONTROL FOR SINGLE AND DOUBLE LOADS

Item	Description
H4652/2	control which can operate a single actuator for single or double loads or two actuators for single loads or independent double loads - to be completed with one 2-module button cover for controls with one or two functions or two 1-module button covers with one or two functions
H4652/3	control which can operate three actuators for single or double loads or two actuators for single loads or independent double loads - to be completed with 3 1-module key covers for controls with one or two functions

COLOUR TOUCH SCREEN

Item	Description
H4684	room control to be installed where there are several MY HOME functions. Interface to control scenarios, lighting, automation, Burglar-alarm, temperature control and energy management.

POWER SUPPLY UNIT

Item	Description
E46ADCN	power supply for BUS systems - input 230V a.c. output 27V d.c. SELV - maximum current absorbed 300 mA - maximum current supplied 1.2A - 8-module version for fastening on DIN rail
E46ADCN/127	as above - 127V a.c.

SHEATHED PAIR

Item	Description
L4669	sheathed pair made up of 2 flexible conductors with braided and unshielded sheath for automation system - insulation 300/500V - corresponding to standards CEI 46-5 and CEI 20-20 - coil length 100m

ALUMINIUM COLOUR DEVICES



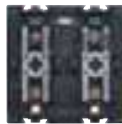
HC4672

ANTHRACITE COLOUR DEVICES

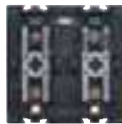


HS4672

COMMON DEVICES



H4671/1



H4671/2



H4674



H4678



3475



3476



F411/1N
F411/2



F411/4
F412
F413



F414 - F414/127
F415 - F415/127



H4687

FLUSH-MOUNTING ACTUATORS

Item	Description
HC4672	actuator with 1 NC relay - for single loads: 16A resistive or 10A for incandescence lamps and 4A for fluorescent lamps or ferromagnetic transformers - can be used in the Automation system or in the Energy management system - pushbutton for forced operation when used in the Energy management system with configuration of the load operation priorities
HS4672	actuator with 1 NC relay - for single loads: 16A resistive or 10A for incandescence lamps and 4A for fluorescent lamps or ferromagnetic transformers - can be used in the Automation system or in the Energy management system - pushbutton for forced operation when used in the Energy management system with configuration of the load operation priorities
H4671/1	actuator with 1 relay with control button - for single loads: 6A resistive or incandescent lamps, 2A cosφ 0.5 for ferromagnetic transformers and 150W fluorescent lamps - to be completed with a 2-module button cover for single or double function
H4671/2	actuator with 2 interlocked relays with control button - for double 500W loads for reducer motors - to be completed with 2-module button covers for double function
H4674	actuator for piloting a "slave" dimmer item HC-HS4416 for adjusting the light intensity of the load, with control buttons - possibility of connecting up to 3 "slave" dimmers - to be completed with a 2-module button cover for single or double function
H4678	attuatore dimmer per lampade ad incandescenza e trasformatori ferromagnetici - 60÷ 300VA 230V.a.c. - da completare con copritasti a 2 moduli per funzione singola o doppia - serie AXOLUTE

ATTUATORI MODULO BASIC

Item	Description
3475	actuator with 1 relay - for single loads; 2A resistive or incandescence lamps and 2A cosφ 0.5 for ferromagnetic transformers - suitable for installation in ceiling light cups or in flush-mounting boxes behind the control devices
3476	actuator with 1 relay - for single loads; 2A resistive or incandescence lamps, 2A cosφ 0.5 for ferromagnetic transformers - accepts a traditional pushbutton with NO contact in input

ACTUATORS FOR CENTRALIZATIONS

Item	Description
F411/1N	actuator with one 2-way relay for single loads
F411/2	actuator with two independent relays for single and double loads - logic relay interlock via configuration
F411/4	actuator with 4 independent relays for single, double or mixed loads logic relay interlock via configuration
F412	actuator with 1 NC relay - for single loads 16A resistive, 10A for incandescence lamps and 4A for fluorescent lamps or transformers - output 1-10 for ballast

OUTPUT 1 - 10 FOR BALLAST

Item	Description
F413	the device is an actuator/dimmer for electronic ballasts which can be dimmed with input 1-10V to operate fluorescent lamps

ACTUATORS FOR DIMMER - 4 MODULES

Item	Description
F414	dimmer actuator for incandescent lamps and ferromagnetic transformers - 60-1000VA 230V a.c.
F414/127	as above - 127V a.c.
F415	dimmer actuator for electronic transformers - 60-400VA 230V a.c.
F415/127	as above - 127V a.c.

VIDEO TOUCH SCREEN

Item	Description
H4687	flush mounting PC PANEL, with 15" TOUCH SCREEN monitor assembly with F215/24S box

MY HOME Radio automation

ALUMINIUM COLOUR DEVICES



HC4575
HC4575SB HC4576

ANTHRACITE COLOUR DEVICES



HS4575
HS4575SB HS4576

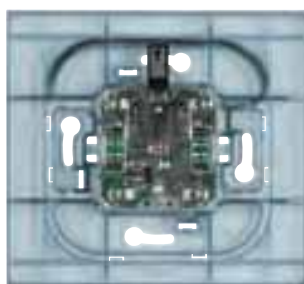
RADIO INTERFACES

Item	Description
HC4575	receiving radio interface - power supply 27V dc from BUS -
HS4575	2 modules
HC4576	receiving radio interface - power supply 27V d.c. from BUS -
HS4576	2 modules
HC4575SB	radio receiving interface for flat radio control item HC4572SB - power supply 27V d.c. from the BUS - 2 modules - AXOLUTE light finish
HS4575SB	as above - for flat radio control item HS4572SB - AXOLUTE dark finish

COMMON DEVICES



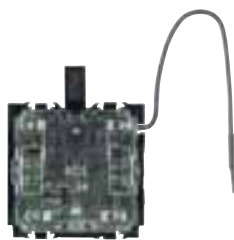
3527



HA4572
HA4572SB



HB4572
HB4572SB



H4572PI

RADIO CONTROL DEVICES

Item	Description
3527	radio control, 6 customizable pushbuttons with graphic labels - ergonomic grip and set up for being used by disabled people - power supply: 2 AA 1.5V non-rechargeable alkaline batteries (supplied)

RADIO CONTROL DEVICES WITH BATTERY

Item	Description
HA4572	flat radio control to be completed with 1-module AXOLUTE key cover item HC/HS4919 and 2-module rectangular cover plate - powered by a 3V CR2032 lithium battery (supplied) - surface mounting installation with double-sided adhesive tape or screws and screw anchors
HB4572	as above - to be completed with elliptic cover plate
H4572PI	flush mounting radio control to be completed with 1-module AXOLUTE key cover item HC/HS4919 - powered by a 3V CR2032 lithium battery (supplied) - 2 modules

RADIO CONTROL DEVICES WITHOUT BATTERY

Item	Description
HA4572SB	flat radio control to be completed with 1-module AXOLUTE key cover item HC/HS4919SB and 2-module rectangular cover plate - no batteries required - surface mounting installation with double-sided adhesive tape or screws and screw anchors - used in MY HOME applications with special interface item HC/HS4575SB
HB4572SB	as above - to be completed with elliptic cover plate

COMMON DEVICES



front view



3526
3526/10
3526/16



F470/1



F470/2



3470



H4574



H4573/2

MOBILE RADIO ACTUATOR

Item	Description
3526	mobile actuator with Schuko plug and universal socket (schuko, 10A, 16A) - 230Va.c. - 1 relay for single loads: 16A resistive, 10A for incandescent lamps, 4A cosφ 0.5 for ferromagnetic transformers and 4A for fluorescent lamps
3526/16	actuator as above - 16A plug
3526/10	mobile actuator with 10A plug and schuko socket / 10A 230 Va.c. - 1 relay for single loads: 10A resistive, 10A for incandescent lamps, 4A cosφ 0.5 for ferromagnetic transformers and 4A for fluorescent lamps

DIN ACTUATORS

Item	Description
F470/1	actuator with one 2-way relay - for single loads: 6A resistive or incandescent lamps, 2A cosφ 0.5 for ferromagnetic transformers and 150W for power factor corrected fluorescent lamps with traditional or electronic igniter - supplied directly from the 230V 50Hz - 2 DIN modules
F470/2	actuator with 2 relays: 6A resistive, 2A incandescent lamps, 500W for gear motors, 2A cosφ 0.5 for ferromagnetic transformers - powered directly from the mains 230V 50Hz - 2 DIN modules

FLUSH-MOUNTING ACTUATORS

Item	Description
3470	basic radio actuator - 230Va.c. - 1 relay with 1 NO contact for single loads: 2A resistive and for incandescent lamps, 2A cosφ 0.5 for ferromagnetic transformers suitable for installation in ceiling light cups or in flush-mounting boxes
H4574	radio actuator with two-way switch - power: 230Va.c. - with control key - with one exchange relay - for single loads: from 0.2 to 2A resistive and for incandescent lamps, 0.2 to 2A cosφ 0.5 for ferromagnetic transformers and from 0.05 to 0.3A for fluorescent lamps and electronic transformers - 2 flush-mounting modules - to be completed with 2-module key cover for single or double function - AXOLUTE series
H4573/2	rolling shutter radio actuator - power: 230Va.c. - with control key and two interlocked relays for double loads - 500W - for motor reducers - can also be used with one relay for single loads: 2A resistive and for incandescent lamps, 2A cosφ 0.5 for ferromagnetic transformers - 2 flush mounting modules - to be completed with 2-module key covers for single or double function - AXOLUTE

MY HOME HI-FI stereo sound system

ALUMINIUM COLOUR DEVICES



HC4560 HC4911AF



HC4911AI HC4911BE HC4911BF



HC4563



HC4653/2



HC4653/3

ANTHRACITE COLOUR DEVICES



HS4560 HS4911AF



HS4911AI HS4911BE HS4911BF



HS4563



HS4653/2



HS4653/3

COMMON DEVICES



H4562



H4651/2



H4684



L4561



F500
F500COAX



F502

SOUND SOURCES

Item	Description
HC4560	RCA flush-mounting input - 2 AXOLUTE modules - for controlling a stereo source
HS4560	RCA flush-mounting input - 2 AXOLUTE modules - for controlling a stereo source
F500	RDS stereo radio tuner - 4 DIN modules - complete with depth compensator for DIN rail
F500COAX	RDS stereo radio tuner with coaxial connector for external aerial - 4 DIN modules - complete with depth compensator for DIN rail
L4561	device for controlling stereo sources set with infrared remote control - possibility of controlling the source via the amplifiers or special commands - 4 DIN modules - complete with RCA/RCA cable and cable with jack for connecting the IR transmitter
3495	source isolator for stereo sources class I - with two couples female connectors RCA where to "IN" connecting the stereo sources (stereo systems, CD players or "OUT" audio PC) and to "OUT" connect the RCA input or device for controlling stereo - is possible connecting the stereo sources class II (when there are two or more stereo sources class II)

AMPLIFIERS

Item	Description
F502	amplifier 4 DIN mod.
H4562	flush mounting amplifier

CONTROLS

Item	Description
H4651/2	special control for managing the amplifiers to be completed with the lightable button-covers for switching devices on and off, volume control, source changing and programmed radio station changing - for 2 modules
HC4563	special control for managing the amplifier for on and off, volume control, source changing and programmed radio station changing - for 2 modules
HS4563	special control for managing the amplifier for on and off, volume control, source changing and programmed radio station changing - for 2 modules
H4684	colour touch screen

SOFT TOUCH COMMAND

Item	Description
HC4653/2	2-module touch control to actuate/set one actuator or one scenario stored in the F420 scenario module; adjustable LED intensity
HS4653/2	2-module touch control to actuate/set one actuator or one scenario stored in the F420 scenario module; adjustable LED intensity
HC4653/3	as above - 3 modules
HS4653/3	as above - 3 modules

LIGHTABLE BUTTON-COVERS

Item	Description
HC4911AF	lightable button-cover ON-OFF-GEN
HS4911AF	lightable button-cover ON-OFF-GEN
HC4911AI	lightable button-cover ON-OFF-adjustment
HS4911AI	lightable button-cover ON-OFF-adjustment
HC4911BE	lightable button-cover, treble clef
HS4911BE	lightable button-cover, treble clef
HC4911BF	lightable button-cover, sound system functions
HS4911BF	lightable button-cover, sound system functions

CONNECTORS FOR THE INTERFACE OF THE STEREO CONTROL BUS CABLE

Item	Description
349414	8-contact connector to connect interface Item L4561 to the BUS - aluminium
349415	8-contact connector to connect interface Item L4561 to the BUS - anthracit

ALUMINIUM COLOUR DEVICES



HC4565

ANTHRACITE COLOUR DEVICES



HS4565

LOUDSPEAKERS

Item	Description
HC4565	loudspeaker 16 ohm for box 506E - 12W
HS4565	
H4570	AXOLUTE flush-mounting loud speakers 8 ohms for MULTIBOX boxes item 16104 - 100W
L4566	ceiling-mounted loudspeaker 8 ohms - 100W
L4566/10	ceiling-mounted loudspeaker 8 ohms - 10 cm diameter - 100W
L4567	wall-mounted loudspeaker 8 ohms - 40W
L4569	loudspeaker from outside - 8 ohms - 70W

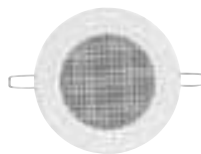
COMMON DEVICES



L4566



H4570



L4566/10



L4567



L4569



F441



F441M



346000
346001



336904



3499

AUDIO - VIDEO NODE

Item	Description
F441	audio/video node for mixing audio sources (Max 4 sources) to 4 outputs - 6 DIN modules - complete with depth compensator for DIN rail and system cable
F441M	Multi-channel matrix with cross-connection, mixing switch functions for the distribution of both the stereo sound source signal and audio/video signals of the 2-wire audio/video door-entry system - 8 inputs (first 4 for the two-wire audio/video system and the others for the stereo sound source) and 8 outputs - 10 DIN modules - complete with depth compensator for DIN rail

POWER SUPPLY UNIT AND SYSTEM CABLE

Item	Description
346000	power supply unit for sound system - input 230Va.c. output 27Vd.c. - maximum absorbed current 1.2 mA - fastening on DIN rail occupying 8 modules
336904	2-conductor twisted cable which can be buried in piping - complies with standards CEI 20-13 and CEI 20-14 - coil length 200
346001	power supply unit for sound system - input 127Va.c. output 27Vd.c. - maximum absorbed current 1A - fastening on DIN rail occupying 8 modules

LINE TERMINATOR

Item	Description
3499	line terminator - to be installed on the used outputs of the audio/video node

MY HOME Burglar alarm

ALUMINIUM COLOUR DEVICES



HC4603/4 HC4603/8



HC4607/4



HC4604 HC4605



HC4607

ANTHRACITE COLOUR DEVICES



HS4603/4 HS4603/8



HS4607/4



HS4604 HS4605



HS4607

CONTROL AND MONITORING DEVICES

Item	Description
3500N	unit with PSTN integrated telephone dialing device - it enables you to manually switch the system on and off, with transponder and IR remote control; bi-directional communication between the user, the burglar alarm system and the automation
3500GSM	unit as above but with PSTN and GSM integrated telephone dialing device. GSM antenna is supplied
HC4603/4 HS4603/4	subdivider used for enabling/disabling the system with the remote control item 4050. It also controls the subdivision of the zones (1-4) with 4 buttons from different points of the system
HC4607/4 HS4607/4	subdivider used for enabling/disabling the system with transponder item 3530, 3530S and 3540
HC4603/8 HS4603/8	module for extending the zones that can be subdivided - control push-buttons for zones 5-8 - zone status signaling with LEDs - possibility of disabling the visible signals
HC4604 HS4604	receiver for enabling / disabling the system with the remote control - system status signaling with LEDs - possibility of disabling the visible and audible signals
HC4605 HS4605	module to switch the system off and lock it by means of a mechanical key - system status signaling with LEDs - equipped with keyhole cover - key with 10000 combinations
HC4607 HS4607	transponder reader which enables and disables the system with the transponder (badge) - able to store up to 30 transponders - system status signaling with LEDs - auxiliary channel available for activations
4050	portable infrared remote control to switch the system on or off - can be coded automatically via the unit - powered with two lithium batteries (supplied) - life: 50000 operations
3530	portable badge - when brought close to the transponder reader it activates it allowing the transfer of the signal generated on the BUS - does not require batteries for power - can be automatically coded by means of the transponder reader
3530S	as above - thin
3540	as above - key-holder

COMMON DEVICES



4050



3530
3530S



3540



3500N



3500GSM

ALUMINIUM COLOUR DEVICES



HC4610 HC4611



HC4613 HC4612
HC4612/12

ANTHRACITE COLOUR DEVICES

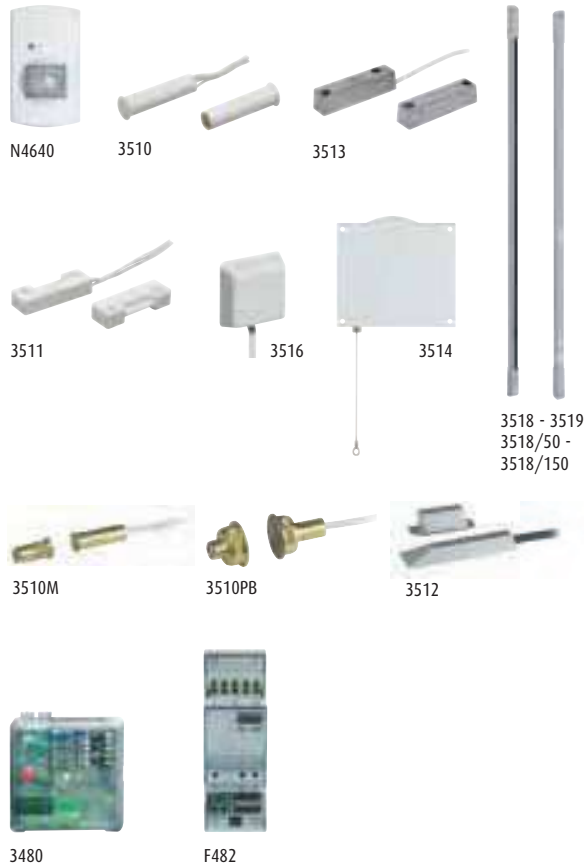


HS4610 HS4611



HS4613 HS4612
HS4612/12

COMMON DEVICES



SENSORS

Item	Description
HC4610	volumetric presence detector with passive infrared rays - alarm signal LED with memory - range 8 meters, angular opening 105°, 14 bands divided over 3 levels - auxiliary prealarm channel can be activated
HS4610	volumetric presence detector as above - angular opening can be divided from 105° to 0° - swivel lens on 2 axes
HC4611	dual-technology volumetric presence detector made up of two sensors: one infrared to detect hot bodies (IR) and one with microwaves to detect movement (MW). The alarm is only triggered when both detection technologies activate.
HS4611	NC electromagnetic contact interface module - can connect balanced and unbalanced contact protection line - alarm indication LED with operation memory - auxiliary prealarm channel can be activated
HC4613	12V interface module for cable detector to protect shutter - can be applied to NC/NO and window-breaking detectors (Item 3516)
HS4613	volumetric presence detector with passive infrared rays - alarm signal LED with memory - range 8 meters, angular opening 105°, 14 bands divided over 3 levels - auxiliary prealarm channel can be activated - assembly on the wall, inclined and at an angle
HC4612	NC electromagnetic contact interface detectors and protection line - version for flush mounting
HS4612	sensor as above - brass, high mechanical resistance - used for non-ferromagnetic window and door frames with a low section profile
HC4612/12	sensor as above - brass, high mechanical resistance - used for all types of window and door frames and armored doors
HS4612/12	sensor as above - version for visible mounting
N4640	sensor as above - die-cast aluminum for swing door or sliding door installations. For floor installations
3510	sensor as above - version for visible mounting on metal surfaces (main doors)
3510M	detector to protect rolling shutters or similar winding shutters - can also manage an opening magnet (supplied) to check the perimeter
3510PB	piezoelectric window-breaking detector. Installation by means of double-sided adhesive tape, supplied
3511	active infrared barriers, to protect windows and doors. The device is made up of 2 columns, one acts as a TRANSMITTER (TX), the other as a RECEIVER (RX). When several IR beams are broken the alarm is immediately triggered - length 0.5 meters
3512	as above - length 1 meter
3513	as above - length 1.5 meters
3514	as above - length 2 meters
3518	NC electromagnetic contact interface module - can connect 2 balanced and unbalanced contact protection lines - alarm indication LED with operation memory
3518/50	as above - Basic module container
3518/150	
3519	
F482	
3480	

MY HOME Burglar alarm

ALUMINIUM COLOUR DEVICES



HC4614 HC4615



HC4070

ANTHRACITE COLOUR DEVICES



HS4614 HS4615



HS4070

DEVICES FOR TECHNICAL ALARMS

Item	Description
HC4614 HS4614	actuator module with multiple configuration with output via relay - contacts C-NO-NC, 24V 0.4A $\cos\phi$ 0.4 - to be used to repeat the alarm, activate an external device, repeat the system state and signal that the battery is flat
HC4615 HS4615	interface module for NO or NC auxiliary contacts - input availability 5-12V a.c./d.c. optoinsulated - to be used for various functions including "request for assistance for old people", "anti-panic" and similar technical alarms

INTERNAL SIREN

Item	Description
HC4070 HS4070	self-supplied internal siren, can be installed in box 506E - to be equipped with 6V 0.5Ah battery Item 3507/6 - sound intensity 90dB(A) at 3 meters - protected against pulling off and tampering
3507/6	battery 6V 0.5Ah for internal siren Items 4070 and N/NT4070 and for telephone dialing device Item 4075N

COMMON DEVICES

Item	Description
4072L	external siren which contains the self-supply battery for the whole system - to be equipped with 12V 12Ah battery Item 3505/12 - sound intensity 105dB(A) at 3 meters - light signaler with xenon lamp - anti-foam grid - protected against being pulled off and opened - to be used with power supply Item E46ADCN
4072A	self-supplied external siren - sound signaling can be set from 0 to 10 minutes by means of the control unit (1 or 4-zone) - to be equipped with 12V 7Ah battery - sound intensity 105dB(A) at 3 meters - light signaler with xenon lamp - anti-foam grid - protected against being pulled off and opened - to be used with power supply Item E47ADC
3505/12	battery 12V 12Ah
E46ADCN	power supply for burglar-alarm system to be used with external siren Item 4072L - input 230V a.c. output 27V d.c. SELV - maximum absorbed current 450mA - 8 DIN modules
E46ADCN/127	as above 127V a.c.
E47ADCN	power supply as above to be used with external siren Item 4072A
L4669S	sheathed pair made up of 2 flexible wires with unshielded plaited sheath for burglar-alarm system - insulation 300/500V - complies with standards CEI 46-5 and CEI 20-20 - coil length 100m
E48	basic unit for powering MY HOME systems with several installations (Burglar alarm, Automation, etc.) to be combined with the accessory modules item E48A1 and item E48A2 - Power supply 110 to 230V a.c., output 29 to 35V c.c. 1.2A, absorbed power 131VA $\cos\phi$ 0.99 - 10 DIN modules
E48A1	accessory module for supplying 27V d.c. 1.2A power to the Burglar alarm, Automation and Temperature control systems - possible to connect 12V 7.2 to 24Ah back-up battery - Size: 4 DIN modules - Pd=7W
E48A2	accessory module for supplying 27V d.c. 1.2A power to the Burglar alarm, Automation, Temperature control and 2-wire Video Door Entry systems - possible to connect 12V 7.2 to 24Ah back-up battery - Size: 4 DIN modules - Pd=4.6W

COMMON DEVICES



4072A
4072L



3507/6



3505/12



E46ADCN
E46ADCN/127
E47ADCN



L4669S



E48



E48A1
E48A2

MY HOME

Temperature control

ALUMINIUM COLOUR DEVICES



HC4693



HC4692



HC4692FAN

ANTHRACITE COLOUR DEVICES



HS4693



HS4692



HS4692FAN

COMMON DEVICES



3550



F430/2



F430/4



E46ADCN - E46ADCN/127



3507/6



L4669

PROBES

Item	Description
HC4693	sensor for controlling the room temperature, heating and cooling systems - temperature setting range 3-40°C - two modules
HS4693	as above - with knob for the variation of $\pm 3^{\circ}\text{C}$ relative to the set temperature and for the selection of mode
HC4692	as above - with manual/automatic speed selection for fan-coil and Idrorelax system
HS4692	as above - with manual/automatic speed selection for fan-coil and Idrorelax system

* Please refer to Bticino's commercial technicians for the availability of these items

UNIT

Item	Description
3550	unit for controlling the temperature control system
3507/6	battery 6V 0.5Ah for temperature control unit

ACTUATORS

Item	Description
F430/2	actuator with 2 independent relays - for single and double loads: 6A resistive, 3A motorized valves and pumps - logic relay interlock via configuration - 2 DIN modules
F430/4	actuator with 4 independent relays - for single, double or mixed loads: 6A resistive, 3A motorized valves, pumps and fan-coil - logic relay interlock via configuration - 2 DIN modules

POWER SUPPLY UNIT AND SYSTEM CABLE

Item	Description
E46ADCN	power supply unit for BUS systems - input 230V a.c. output 27V d.c. SELV - maximum absorbed current 300 mA - maximum current supplied 1.2A - 8-module version for fastening on DIN rail
E46ADCN/127	as above 127V a.c.
L4669	sheathed pair made up of 2 flexible wires with unshielded plaited sheath for automation system - insulation 300/500V - complies with standards CEI 46-5 and CEI 20-20 - coil length 100m

MY HOME

Energy management

ALUMINIUM COLOUR DEVICES



HC4672

ANTHRACITE COLOUR DEVICES



HS4672

COMMON DEVICES



F421



F412



E46ADCN - E46ADCN/127



L4669

ACTUATORS

Item	Description
HC4672 HS4672	actuator with one relay - for single loads 16A resistive or 10A for incandescent lamps and 4A for fluorescent lamps or ferromagnetic transformers - can be used in the Automation system or in the Energy management system - pushbutton to force the load - for BUS energy management system
F412	actuator with 1 NC relay - for single loads 16A resistive or 10A for incandescent lamps and 4A for fluorescent lamps or transformers - for installations on DIN rail in boards or units - for BUS energy management system

CONTROL UNIT

Item	Description
F421	control unit to manage and control the supply sockets of the devices connected to the system actuators - setting contract power from 1.5 to 18 kW - fine setting of the power used - management of the loads in time bands - for installations on DIN rail in boards or units - including TA transformer for reading the current controlled - for BUS energy management system

POWER SUPPLY UNIT AND SYSTEM CABLE

Item	Description
E46ADCN	power supply unit for BUS systems - input 230V a.c. output 27V d.c. SELV - maximum absorbed current 300 mA - maximum current supplied 1.2A - 8-module version for fastening on DIN rail
E46ADCN/127	as above 127V a.c.
L4669	sheathed pair made up of 2 flexible wires with unshielded plaited sheath for automation system - insulation 300/500V - complies with standards CEI 46-5 and CEI 20-20 - coil length 100m

MY HOME

Silk-screen printed rockers for automation – with 1 function

ALUMINIUM COLOUR DEVICES



HC4915AA HC4915/2AA

HC4915AB HC4915/2AB

HC4915AC HC4915/2AC

HC4915AD HC4915/2AD

HC4915BA HC4915/2BA

HC4915BB HC4915/2BB

HC4915BD HC4915/2BD

HC4915BE HC4915/2BE

HC4915BF HC4915/2BF

HC4915BG HC4915/2BG

HC4915BH HC4915/2BH

ANTHRACITE COLOUR DEVICES



HS4915AA HS4915/2AA

HS4915AB HS4915/2AB

HS4915AC HS4915/2AC

HS4915AD HS4915/2AD

HS4915BA HS4915/2BA

HS4915BB HS4915/2BB

HS4915BD HS4915/2BD

HS4915BE HS4915/2BE

HS4915BF HS4915/2BF

HS4915BG HS4915/2BG

HS4915BH HS4915/2BH

SILK-SCREEN PRINTED ROCKERS FOR AUTOMATION WITH ONE FUNCTION

Item	Symbol description
1 module	2 modules
HC4915AA	HC4915/2AA
HS4915AA	HS4915/2AA
HC4915AB	HC4915/2AB
HS4915AB	HS4915/2AB
HC4915AC	HC4915/2AC
HS4915AC	HS4915/2AC
HC4915AD	HC4915/2AD
HS4915AD	HS4915/2AD
HC4915BA	HC4915/2BA
HS4915BA	HS4915/2BA
HC4915BB	HC4915/2BB
HS4915BB	HS4915/2BB
HC4915BC	HC4915/2BC
HS4915BC	HS4915/2BC
HC4915BD	HC4915/2BD
HS4915BD	HS4915/2BD
HC4915BE	HC4915/2BE
HS4915BE	HS4915/2BE
HC4915BF	HC4915/2BF
HS4915BF	HS4915/2BF
HC4915BG	HC4915/2BG
HS4915BG	HS4915/2BG
HC4915BH	HC4915/2BH
HS4915BH	HS4915/2BH

MY HOME

Silk-screen printed rockers for automation – with 2 functions

ALUMINIUM COLOUR DEVICES		ANTHRACITE COLOUR DEVICES		SILK-SCREEN PRINTED ROCKERS FOR AUTOMATION WITH TWO FUNCTIONS		
				Item	Symbol description	
HC4911AF	HC4911/2AF	HS4911AF	HS4911/2AF	1 module	2 modules	
				HC4911AF	HC4911/2AF	ON – OFF – GEN
HC4911AG	HC4911AH	HS4911AG	HS4911AH	HS4911AF	HS4911/2AF	
				HC4911AG	HC4911/2AG	ON – OFF
HC4911AG	HC4911/2AG	HS4911AG	HS4911/2AG	HS4911AG	HS4911/2AG	
				HC4911AH	HC4911/2AH	UP – DOWN
HC4911AI	HC4911BA	HS4911AI	HS4911BA	HS4911AH	HS4911/2AH	
				HC4911AI	HC4911/2AI	ON – OFF setting
HC4911AI	HC4911/2AI	HS4911AI	HS4911/2AI	HS4911AI	HS4911/2AI	
				HC4911BA	HC4911/2BA	Light
HC4911BA	HC4911/2BA	HS4911BA	HS4911/2BA	HS4911BA	HS4911/2BA	
				HC4911BC	HC4911/2BC	Fan
HC4911BC	HC4911BE	HS4911BC	HS4911BE	HS4911BC	HS4911/2BC	
				HC4911BE	HC4911/2BE	Treble clef
HC4911/2BC	HC4911/2BE	HS4911/2BC	HS4911/2BE	HS4911BE	HS4911/2BE	

MY HOME

Rockers that are not silk-screen printed - with 1 and 2 functions

ALUMINIUM COLOUR DEVICES		ANTHRACITE COLOUR DEVICES		ROCKERS THAT ARE NOT SILK-SCREEN PRINTED - 2 FUNCTIONS	
				Item	Description
HC4911	HC4911/2	HS4911	HS4911/2	HC4911	rockers that is not silk-screen printed – 1 mod.
				HS4911	rockers that is not silk-screen printed – 2 mod.
HC4911	HC4911/2	HS4911	HS4911/2	HC4911/2	
				HC4915/2	button cover that is not silk-screen printed – 1 mod.
HC4915	HC4915/2	HS4915	HS4915/2	HS4915	button cover that is not silk-screen printed – 2 mod.
				HC4915/2	
HC4915	HC4915/2	HS4915	HS4915/2	HS4915/2	

Rockers for radio controls

ALUMINIUM COLOUR DEVICES



HS4919



HS4919SB

ANTHRACITE COLOUR DEVICES



HC4919



HC4919SB

ROCKERS FOR RADIO CONTROLS WITH BATTERY

For radio controls item HA4572, HB4572, H4572PI

Item

AXOLUTE AXOLUTE

Aluminium Anthracite

HC4919 HS4919

ROCKERS FOR RADIO CONTROLS WITHOUT BATTERY

For radio controls item HA4572SB, HB4572SB

Item

AXOLUTE AXOLUTE

Aluminium Anthracite

HC4919SB HS4919SB

AXOLUTE CATALOGUE COMMUNICATION



SECTION INDEX

68 **General features**

74 Video display units for domestic control

COMMUNICATION

General features



Albrass, Allsteel and Allbrass finishes



Video Station, Video Display and SFERA:
a complete solution for installations in
prestige environments.

NEW TWO-WIRE VIDEO INTERNAL UNITS

Hands-free video door entry unit with colour LCD display for 2-wire systems.

Available in 2 versions:

- Video Display: flush-mounting in 506E with 2.5" screen
- Video Station: wall-mounting with 5.6" screen



Video Display



Video Station

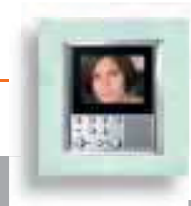
Video Station and Video Display are equipped with **customizable function menus**.

It is possible to rename and order the single functions according to the user's needs, thus making its use more intuitive.

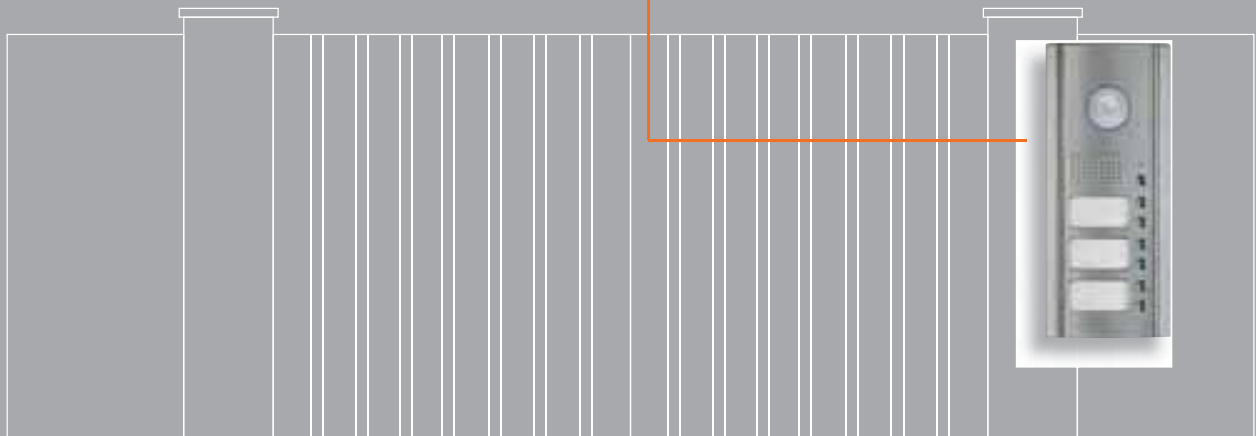
COMMUNICATION

Only 2 wires for the system

Compatibility with the two-wire offer (existing): SFERA entrance panels - video and PIVOT / SWING handsets.



2 wires

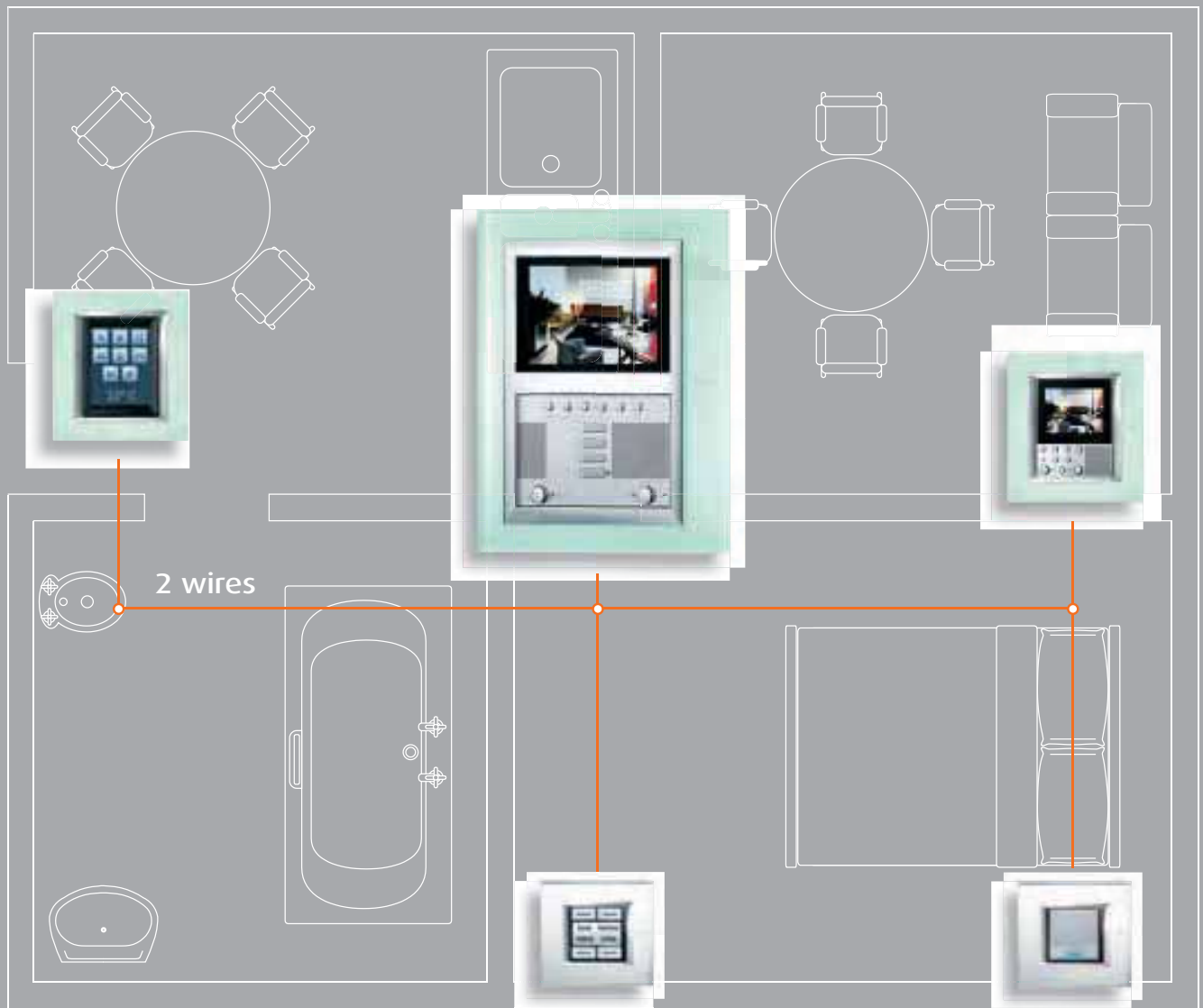


COMMUNICATION

MY HOME Integration

One electric circuit in your home:
Communication and My Home, all with
2 wires.

In integrated systems, Communication and MY HOME, Video Station and Video Display become your **home's video display units**. For example, the menu enables you to activate the sound system, change the temperature in single environments, activate scenarios or display the status of the alarms.



COMMUNICATION

Video Station and Video Display

VIDEO STATION

- full image interaction thanks to the wide 5.6" colour screen
- easy to use with the function management menu
- speaker
- wall mounting: minimum thickness
- twin-set finishes with AXOLUTE's domestic line styles: glass, aluminum, wood and teak with dedicated cover plates.

5.6" LCD colour display for viewing the surveillance cameras and menus

Menu navigation keys, as with mobile ph

Stereo audio

Dedicated cover plates

Keys for video door-entry functions with direct access



VIDEO DISPLAY

- 2.5" LCD colour display
- easy to use with the function management menu
- speaker
- flush-mounting installation in 506E box
- perfect integration with AXOLUTE's domestic lines

2.5" LCD colour display for displaying the surveillance cameras and menus

Navigation keys, menus as with mobile phones

Speaker

All 506E cover plates of the AXOLUTE domestic lines



Video display units for domestic control

ALUMINIUM COLOUR DEVICES



349311

ANTHRACITE COLOUR DEVICES



349312

VIDEO DISPLAY

Item	Description
349311	hands-free video display unit which can be installed in 2 wire video systems. 2.5" LCD colour display. It can be combined with the MY HOME system; equipped with customizable navigation menus via the PC for managing the followings functions: video door-entry units, temperature control, sound system, scenarios, alarms. Keys included: navigation, auto-switch on, door lock release, hands-free connection and pager. LED used for: call exclusion, door status, connection. Configuration via physical configurators and menus. USB port for programming. flush-mounting installation in 506 box. Available frames: all those included in the 506E domestic lines.
349312	

COMMON DEVICES



349212

349211

349210



349310

VIDEO STATION

Item	Description
349310	stereo hands-free video display unit which can be installed in 2 wire video systems. 5.6" LCD colour display. It can be combined with the MY HOME system; equipped with customizable navigation menus via the PC for managing the followings functions: video door-entry units, temperature control, sound system, scenarios, alarms. In integrated systems, when using a sound system, the Video Station acts as an amplifier, hence reproducing all the audio sources in the system. Keys included: navigation, auto-switch on, door lock release, staircase lights, mute, hands-free connection and pager. LED used for: call exclusion, door status, connection. Configuration via physical configurators and menus. USB and RS232 port for programming. Can be installed on the wall using a special bracket. Glass, wood and aluminum dedicated frames.

FRAMES FOR VIDEO STATION

Item	Description
349210	satin-finished aluminium frame
349211	KRISTALL glass frame
349212	TEAK wooden frame



SECTION INDEX

Technical information and dimensional data

- 76 Technical informations
- 90 Dimensional data
- 93 Depth from wall surface
- 95 BS EN reference

Dimmer

KNOB DIMMER HC-HS4401

This dimmer can control ferromagnetic transformers and incandescent lamps (power between 60W and 500W) from one or more points. Pressing the centre pushbutton will activate the load thus setting it to the level of the last adjustment that was made. Pressing it again will deactivate it. The fine-adjustment of the levels occurs using the knob. When switching on, the devices enable the load in order to gradually reach the set level of brightness to avoid dazzling phenomena (soft-start); switching off also occurs gradually (soft-stop). The dimmer is designed using new technology which ensures compliance with the standards on the emission of electromagnetic disturbances without the use of filter coils, hence ensuring equipment noiselessness. An inbuilt fuse type T2,5H250V selfprotects dimmers against short circuits. Using dimmers powered by uninterrupted power supplies or by a generator set may cause malfunction.

Installation notes

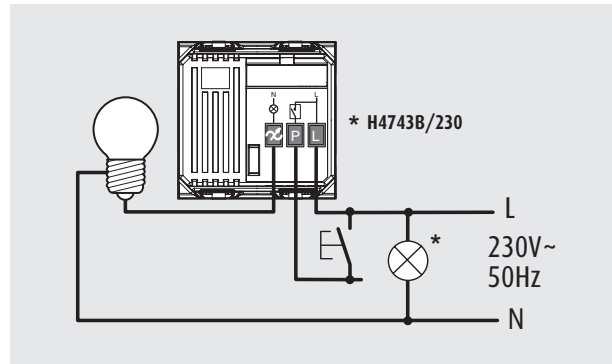
For proper operation of all dimmers, follow the instructions below during installation:

- do not use two or more dimmers together in the same box
- do not install in boxes where there are thermostats

Technical features

- power supply: 230V a.c. ± 10%
- type of load: resistive or ferromagnetic transformer
- power: (see dimmer page on catalogue section)

Wiring diagram



Example of use remote pushbutton with locating lamps

PUSHBUTTON DIMMER AND PUSH-PUSH

A	HC-HS4413
B	HC-HS4582

These dimmers can control resistive loads and ferromagnetic transformers (power between 60VA and 500VA) from one or more points. They are designed with a new technology which ensures compliance with the standards on the emission of electromagnetic disturbances without the use of filter coils. This feature allows the devices to be totally noiseless. The quick pressure of the knob, or one of the pushbuttons connected externally, activates the load and sets it according to the level of the last adjustment that was made; a second quick pressure deactivates it. When switching on, the devices enable the load in order to gradually reach the set level of brightness to avoid dazzling phenomena (soft-start); switching off also occurs gradually (soft-stop).

An inbuilt fuse type T2,5H250V selfprotects dimmers against short circuits. Using dimmers powered by uninterrupted power supplies or by a generator set may cause malfunction.

Installation notes

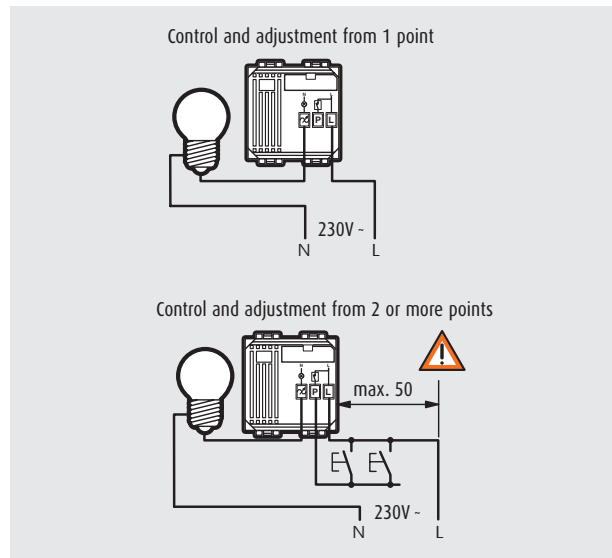
For proper operation of all dimmers, follow the instructions below during installation:

- do not use two or more dimmers together in the same box
- do not install in boxes where there are thermostats

Technical features

- power supply: "A"=230Va.c. 50Hz, "B"=110-127-230V a.c. 50 and 60 Hz
- type of load: resistive or ferromagnetic transformer
- power: (see dimmer page on catalogue section)

Wiring diagrams



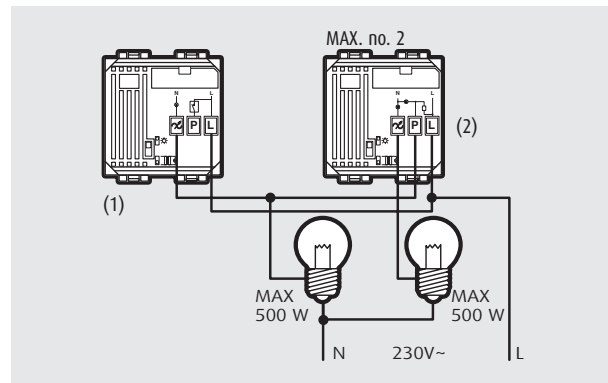
SLAVE DIMMER HC-HS4416

This device can regulate loads only if it is controlled by another dimmer, to which must be properly combined.
 In this way it is possible to obtain an increase in the power controlled by the main dimmer, that has the "master" function.
 One or maximum two "slave" can be connected to the following dimmers: HC-HS4413. It is not possible to act directly on the slave dimmer.

Technical features

- power supply: 230Va.c. 50Hz
- type of load: resistive or ferromagnetic transformer
- power: 60 to 500 W

Wiring diagram



(1) HC-HS4413

(2) HC-HS4416

DIMMER FOR ELECTRONIC TRANSFORMERS

A	HC-HS4407
B	HC-HS4407/127

This dimmer can control electronic transformers for powering up low voltage quartz-iodine lamps (with power between 60VA e 250VA, 50 to 250VA for HC/HS4407/127). It is designed with a new technology which ensures compliance with the standards on the emission of electromagnetic disturbances without the use of filter coils. This feature allows the device to be totally noiseless. The quick pressure of the local pushbutton, or one of the pushbuttons that can be connected externally, activates the load and sets it according to the level of the last adjustment that was made; a second quick pressure deactivates it. An extended pressure of the pushbutton makes it possible to adjust the min-max / max-min load. When switching on, the device enables the load to gradually reach the set level of brightness in order to avoid dazzling phenomena (soft-start); switching off also occurs gradually (soft-stop).

An inbuilt fuse type T2,6H250V selfprotects dimmers against short circuits. Using a dimmer powered by uninterrupted power supplies or by a generator set may cause malfunction.

Installation notes

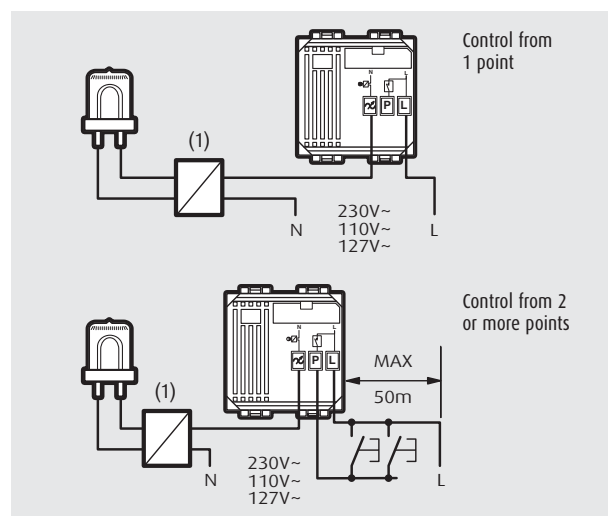
For proper operation of all dimmers, follow the instructions below during installation:

- do not use two or more dimmers together in the same box
- do not install in boxes where there are thermostats

Technical features

- power supply: "A" 230Va.c. 50Hz - "B" 110-127V a.c. 50Hz
- type of load: for electronic transformers
- power: "A" 60 to 250 VA - "B" 50 to 250VA

Wiring diagram



(1) electronic transformers

Dimmer

ELECTRONIC TRANSFORMERS

Device

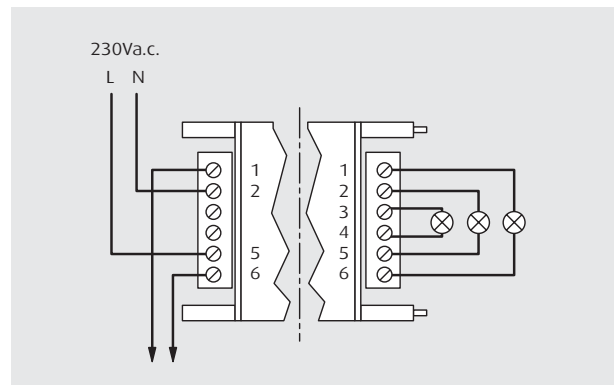
A	L4405/60
B	L4405/105

Electronic transformers can power up low voltage quartz-iodine lamps with power between 20W and 60W (L4405/60) or between 35W and 105W (L4405/105) and can be adjusted from the dimmer (HC-HS4407). They have a terminal set up for connecting up to three 20W lamps (.../60) or three 35W lamps (.../105) and can also be installed inside furniture.

Technical features

- power supply: 230Va.c. 50Hz
- output voltage: 12V
- type of load: resistive
- power of device "A": 10 to 60W
- power of device "B": 35 to 105W
- operating temperature: 0 to 50 °C
- max conductor size: 2.5 mm²

Wiring diagram



Electronic control devices

IR REMOTE CONTROL SYSTEM

HC-HS4426 and HC-HS4426/127
 HC-HS4425 and HC-HS4425/127
 4482/7
 4482/16

The infrared remote control system lets you switch on and off or adjust electric loads or activate drapery, blinds, etc... from remote control points. All this is electrically carried out in a safe manner since there are no electrical connections between the control point (remote control) and the user (load). This feature makes it possible to install this system in places where high safety is required, places where there are disabled persons and wherever it is impossible to physically connect a control point and a controlled device.

The system includes:

- a 7-channel or 16-channel remote control
- 1-channel receivers
- 2-channel receivers
- dimmer receiver

Features of remote controls

Remote controls can be of two types: with 7 or 8 pushbuttons. The first version controls up to 7 receivers in the same room and it is suitable for domestic environments. The second version has 16 channels: the first 8 are directly controlled with the 8 pushbuttons (flicking the selector will changeover to the next 8 channels). The latter model is normally used in service industry applications. To make their use easier, it is possible to apply labels with specific symbols next to the pushbuttons. These symbols should be used to remember the functions of each channel. 1.5V batteries - type AA - are housed in the bottom part.

Features of receivers

Receivers are available in the following versions: version with dimmer or with 1 or 2 channels, relays and built-in local control pushbuttons for controlling single or double loads. By using the microswitches located under the removable front cover, it is possible to select the receiving channel and the cyclic or monostable relay operation mode (switch or pushbutton function).

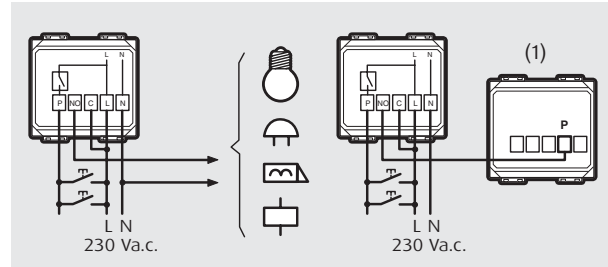
Technical features HC-HS4425 and HC-HS4425/127 1 CHANNEL RECEIVER

- power supply: 230Va.c. 50/60Hz (127V a.c. 50/60 Hz item HC-HS4425/127)
- controllable loads:
 - 6A resistive loads or incandescent lamps
 - 2A cosφ 0.5 fluorescent lamps and inductive loads
- relay: cyclic and monostable
- receiver: 1 channel

Technical features HC-HS4426 and HC-HS4426/127 2 CHANNEL RECEIVER

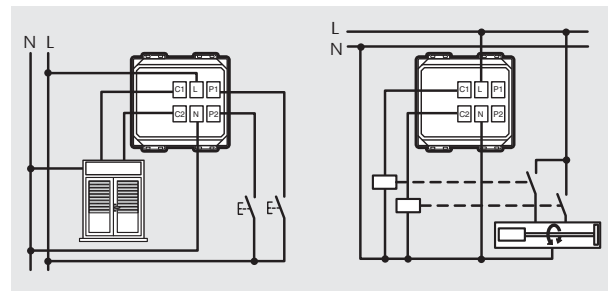
- power supply: 230Va.c. 50/60Hz (127V a.c. 50/60 Hz art. HC-HS4426/127)
- controllable loads:
 - 4A resistive loads or incandescent lamps
 - 750W gear motors
- relays: no. 2 - interlocked
- receiver: 2 channels

Wiring diagram HC-HS4425 and HC-HS4425/127



(1) HC-HS4413 - 4432 - 4432/127

Wiring diagram HC-HS4426 and HC-HS4426/127



Electronic control devices

PASSIVE IR SWITCH

Device

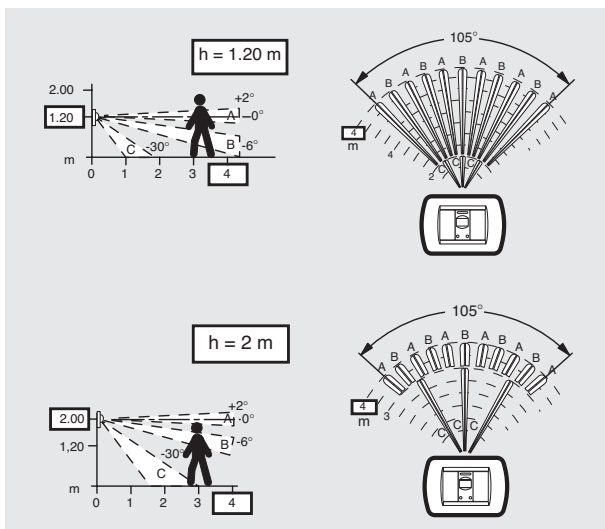
A	HC-HS4431
B	HC-HS4432
C	HC-HS4432/127

The passive IR switch opens up new prospects in the field of automatic mechanisms, allowing to automatically switch on devices as passers-by approach (for example, light turns on without touching any switch or pushbutton). It is possible to adjust the device sensitivity threshold according to the room natural lighting and to adjust the end-of-operation delay after last movement has been detected, to optimise performance.

The detection range can be widened by installing several devices at different places, with outputs connected in parallel.

Volumetric coverage is achieved with 3 levels of rays A, B and C with plus-2, minus-6 and minus-30 degrees orientation relative to the installation axis, and reaches 4 meters.

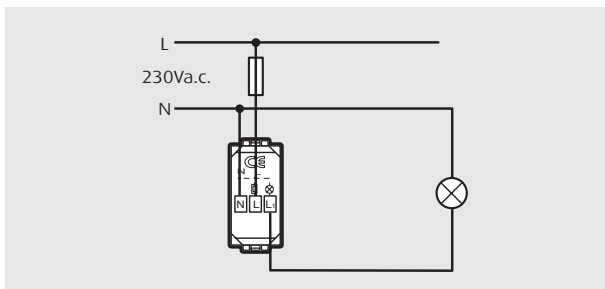
Covering fields



Technical features - device "A"

- power supply: 230Va.c. 50Hz
- controllable loads:
 - 2A resistive load, incandescent lamps and ferromagnetic transformer
 - 2A $\cos\phi$ 0.5 inductive load
- adjustment of time for switching on: from 30 seconds to 10 minutes
- twilight adjustment: from 5 lux to dark.

Wiring diagram



Technical features - device "B"

Power supply: 230V a.c. 50/60Hz

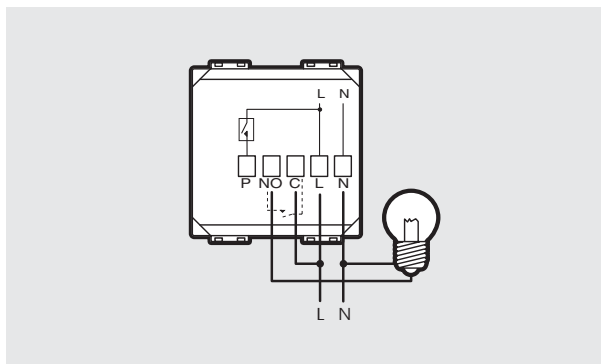
- controllable loads:
 - 2A inductive load and fluorescent lamp
 - 6A resistive load, incandescent lamps and ferromagnetic transformer
- adjustment of time for switching on: from 30 seconds to 10 minutes
- twilight adjustment: from 5 lux to dark
- controllable with external pushbuttons
- selector 0-A-I (manual operation with external pushbuttons, automatic and external pushbuttons always ON).

Technical features - device "C"

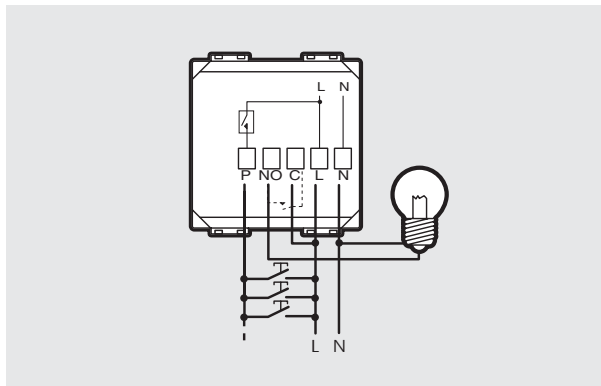
Power supply: 110-127V a.c. 50 and 60Hz

- controllable loads:
 - 2A inductive load and fluorescent lamp
 - 6A resistive load, incandescent lamps and ferromagnetic transformer
- adjustment of time for switching on: from 30 seconds to 10 minutes
- twilight adjustment: from 5 lux to dark
- controllable with external pushbuttons
- selector 0-A-I (manual operation with external pushbuttons, automatic and external pushbuttons always ON).

Basic wiring diagram



Wiring diagram with pushbuttons (IR + timer)



ROOM THERMOSTATS

Device

A	HC-HS4441
B	HC-HS4442
C	HC-HS4442/127

These thermostats control the room temperature through an electronic detector that operates an output relay.

The following parts are on the front part of the devices:

- knob for setting the selected temperature
- LED for indicating the operation status
- commutator for selecting "summer/winter"

Common technical features – devices "A", "B" and "C"

- power supply "A" e "B" 230V a.c. $\pm 10\%$ 50/60Hz 0,6W - "C" 127V a.c. $\pm 10\%$ 50 and 60Hz
- output contacts 2A 250V a.c.
- room temperature setting range: 5 to 30°C
- recommended installation height from floor: 1.5m (away from heat sources and draughts)
- do not install in boxes where there are dimmers
- max conductor size = 2x2.5mm²
- overall size: 2 modules

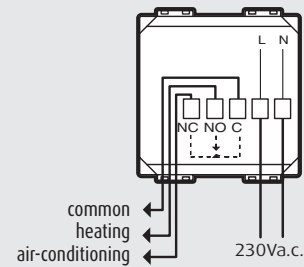
Technical features – device "A"

- for heating and air-conditioning systems (boilers, fan-coil units, air-conditioners, fan heaters)
- set up for external "summer/winter" commutator
- switched output contact

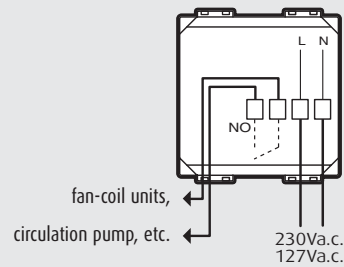
Technical features – device "B" and "C"

- for heating and air-conditioning systems (boilers, fan-coil units, air-conditioners, fan heaters)
- built-in "summer/winter" commutator
- output contact NO

Wiring diagram – device "A"



Wiring diagram – device "B" and "C"



Control

3V BATTERY-OPERATED ELECTRONIC CHRONOTHERMOSTAT HC-HS4449

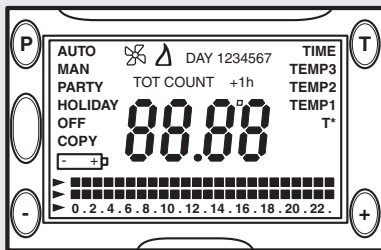
The chronothermostat, which can be used for heating and air-conditioning systems, makes it possible – through several programming possibilities – to adjust the temperature at any time of the day and in a differentiated manner, every day of the week. It is possible to choose how to use a standard program (already stored but can be changed according to the specific needs of the user) or to create a new one with a simple

programming procedure. A large display shows you at all times the program settings, the status of the system and the temperature of the room. The chronothermostat has a base for making electrical connections to the system (which can be installed on the supporting frames, for series AXOLUTE and a removable part including its controls and a large display.

Technical data

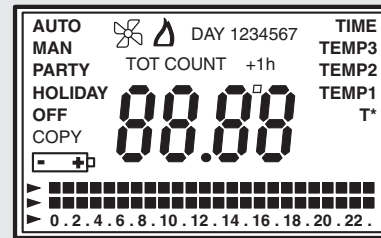
- minimum time between a programmed operation and the next: 15 minutes
- max no. of temperature changes in a day: 8 (4 ON/OFF cycles)
- temperature interval shown on the display: 5°C to 45°C
- temperature values that can be set: 7°C to 35°C (with a 0.5°C minimum interval)
- accuracy of controlled temperature: ± 0.5°C
- power supply: two 1.5V alkaline batteries type LR67AA
- battery life, no longer than two years
- charge back-up: 2 minutes for replacing the batteries
- flush-mounting
- voltageless output contact rate: 1A
- possibility of connecting an external gauge for the temperature (NTC R 25°C = 100kΩ - max connection length, 5 metres)
- possibility of remote controlling the chronothermostat (for example, with a phone call through the PBX switchboard).
- max conductor size: 2.5 mm²

Recurrent function keys



- P selecting operation modes
- T temporary display of the temperature values or of the current time
- + - adjustment of temperature and time parameters:
+ forward movement – backward movement (the extended pressure on the pushbutton enables the fast forward movement)

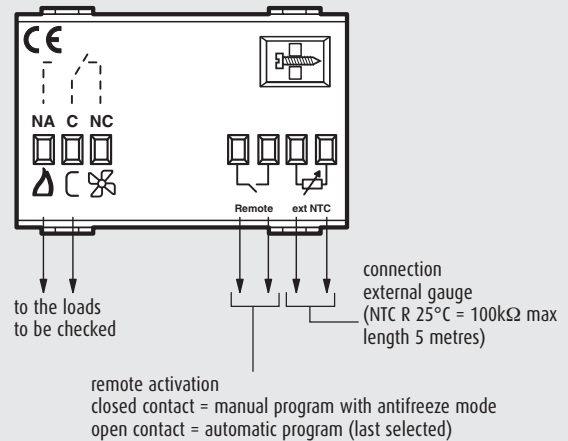
Numerical display



Numerical display
Constantly displays the room temperature.
Use the T key to cyclically display **TEMP3-TEMP2-TEMP1, TIME and ANTIFREEZE TEMPERATURE.**
When programming, it displays different parameters to be set.

- Various indications**
- TIME** – procedure for setting/displaying the time and current day
 - +1h** – daylight saving time
 - battery symbol - dead batteries signal
 - copying of the daily programming.

Wiring diagram



Socket outlets

SAFETY SOCKETS

All standard sockets

The (totally separated) tulip safety sockets can be accessed only with a special plug that closes the contact when it is completely in. The contact is guaranteed by the pressure of special spiral springs. Plugs with a different capacity cannot be interchanged, thus it is possible to substantially separate several circuits.

More significant testing conditions

- testing voltage: gradual 2000V 50Hz per minute
- insulation resistance tested at 500V: > 5M Ω.
- breaking test: 100 plug connection/disconnection operations at 275V a.c. $\cos\phi$ 0.6 - 12.5A (for 10A plugs), 20A (for 16A plugs).
- extended operational test: 10.000 10000 plug connection/disconnection operations at 250V a.c. $\cos\phi$ 0.6 with rated current.

Rated features and classification (according to Standards CEI 23-16/VII-1971 and 23-5/I-1972) of plug-in sockets for domestic uses and the like.

Type of DEVICE	No. of poles	Coupling mode	Reference abbreviation	Rated current	Type of current	Rated voltage	Type of device	Terminal position	Maximum conductor size
separated tulip plug-in sockets	2P+E	irreversible	P13	10A	~ 50Hz	250V~	modular	back	4mm ²
separated tulip plug-in sockets	2P+E	irreversible	P19	16A	~ 50Hz	250V~	modular	back	4mm ²
shielded tulip plug-in sockets	2P+E	reversible	P11	10A	~ 50Hz	250V~	modular	back	2x4mm ²
shielded tulip plug-in sockets	2P+E	reversible	P17	16A	~ 50Hz	250V~	modular	back	2x4mm ²
shielded tulip 2-center sockets	2P+E	reversible	P11/17	10 and 16A	~ 50Hz	250V~	modular	back	2x4mm ²
plug-in sockets with earth side contacts	2P+E	reversible	—	10/16A	~ 50Hz	250V~ and d.c.	non-modular	back	2x4mm ²

SHAVER SOCKET

A	HC-HS4177
B	HC-HS4177/127

The transformer is connected to power line only when the plug is inserted by means of a pushbutton (1) to avoid useless loss, heating and humming, and is protected by a thermal effect device which automatically disconnects the primary when load exceeds 20VA.

Reconnection is automatic after the protective device has cooled down. The shaver socket is typically installed in hotels, pensions and similar, for customer's safety and to avoid illegal use of the bathroom's socket.

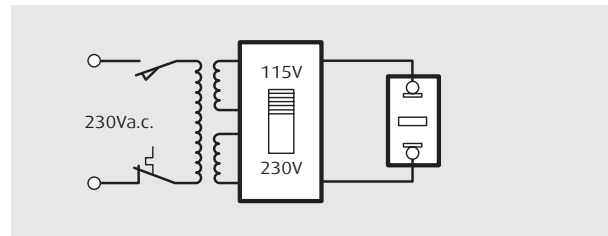
Technical features "A"

- 20VA transformer:
- primary 230V a.c. \pm 10% 50Hz
 - two 115V or 230V a.c. secondaries that can be selected with a commutator
 - max conductor size: 2.5 mm²

Technical features "B"

- 20VA transformer:
- primary 127V a.c. 50 and 60 Hz
 - two 127V or 230V a.c. secondaries that can be selected with a commutator
 - max conductor size: 2.5 mm²

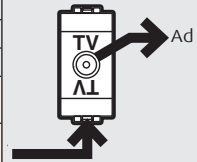
Wiring diagram



TV + SAT jacks

DIRECT SOCKETS (EXTENSIONS)

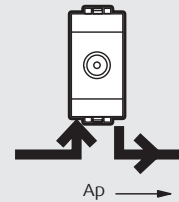
	Ad	Zo			B1	FM	VHF	UHF	SAT IF	
		Ω	V/mA	KHz / V	MHz	MHz	MHz	MHz	MHz	MHz
HC-HS4202D	≤ 1.5	75	≤ 500							
HC-HS4202DC	≤ 1.5									



	Zo	Ad	OUT			B1	FM	VHF	UHF	SAT IF	
	Ω			mA	KHz	MHz	MHz	MHz	MHz	MHz	MHz
HC-HS4210D	75	dB	TV			≤ 1		1.7 - 0.5	0.5 - 3.5		
			RD				1.5 - 2.5				
			SAT	500						2 - 0.7	

PASS-THROUGH JACKS

		Zo	B1	FM	VHF	UHF	SAT IF	
	dB	Ω	MHz	MHz	MHz	MHz	MHz	MHz
HC-HS4202P	Ad	75			14 ± 1			
	Ap				≤ 2			
HC-HS4202PT	Ad				≤ 11.5			

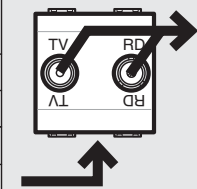


LEGEND:

Ap = Pass through attenuation Zo = Characteristic impedance Ad = Direct attenuation (or bridging)

SCREENED TV + RD

	Zo	Ad	OUT	B1	FM	VHF	UHF
	Ω			MHz	MHz	MHz	MHz
HC/HS4211D	75	dB	TV	$\leq 0,5$		$2 \div 0,2$	$0,2 \div 1,5$
			RD		$1,5 \div 3,5$		



LEGEND:

Ad = Direct attenuation (or bridging) Zo = Characteristic impedance

	Zo	Ad	OUT	B1	FM	VHF	UHF
	Ω			MHz	MHz	MHz	MHz
HC/HS4213D	75	dB	TV	1,5		1,5	1,5
			RD		1,5		

LEGEND:

Ad = Direct attenuation (or bridging) Zo = Characteristic impedance

Audible and luminous signalling devices

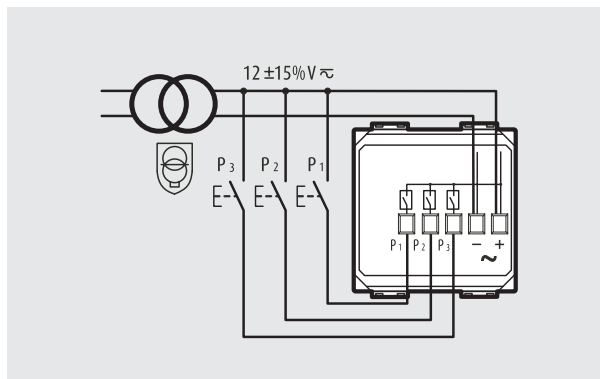
ELECTRONIC BELL HC-HS4355/12

The electronic bell has 3 sounds, all of which are continuous and intermittent and pilot-operated from three different paging locations. It is also possible to adjust the volume of the required sound with the controller located at the front. The 12V power supply can be used with direct current or alternate current.

Technical data

- power supply: 12V d.c./a.c. $\pm 15\%$ 50/60Hz
- absorption:
 - 150mA with pressed pushbutton
 - 15mA at rest

Wiring diagram



PULL-OUT EMERGENCY TORCH HC-HS4380

The device includes a charger base and a lamp with replaceable back-up batteries. It turns on automatically when the electrical power goes out. The "lamp" unit can be removed so that it can be used as a normal rechargeable torch.

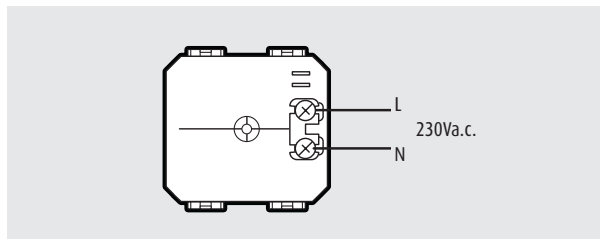
It also includes two LEDs which indicate the type of function being used and a slide switch for enabling or disabling the device thereof (this is important for preventing it from being switched on in case of an intentional disconnection of the power service).

The battery recharge is also temporarily inactive when the device is disabled (red LED ON). It is possible to exclude the removal of the lamp unit by putting in a special lock screw located at the bottom of the device.

Technical data

- pull-out emergency torch with automatic switch-on device
- charger base with safety connector equipped with a screen
- lighting source: white-lighted LED
- rechargeable battery: type Ni-MH without "memory" effect, interchangeable
- life: 2 hours
- stand-by consumption: 0,4W
- power supply: 230/127V a.c. $\pm 10\%$ 50/60 Hz - 110V a.c. $\pm 10\%$ 60 Hz
- max conductor size: 2.5mm²
- overall size: 2 modules

Wiring diagram



Electrical safety devices

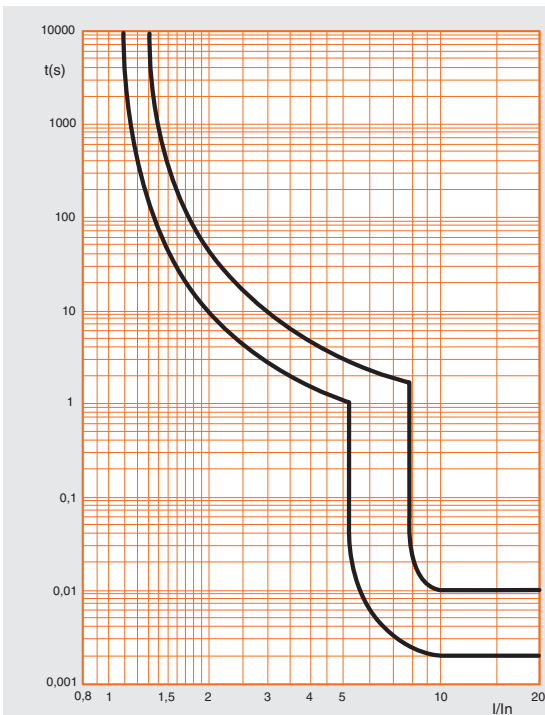
EARTH LEAKAGE THERMAL MAGNETIC CIRCUIT BREAKERS

Device	
A	HC-HS4301/6
	HC-HS4301/10
	HC-HS4301/16
B	HC-HS4305/6
	HC-HS4305/10
	HC-HS4305/16

Automatic thermal magnetic circuit breaker (1 module) device "A"


Two-pole version with one protected pole. Extends the possibility to use these automatic devices with single-phase circuits, for which there should be a two-pole break.

Tripping features



Tripping feature of circuit breakers recorded with cold start to room temperature $T_a = 20^\circ\text{C}$
 I = actual current
 I_n = rated current of the switch
 A red/green flag shows the position of the contacts (closed or open).

"Salvavita" automatic earth leakage thermal magnetic circuit breaker (2 mod.) device "B"

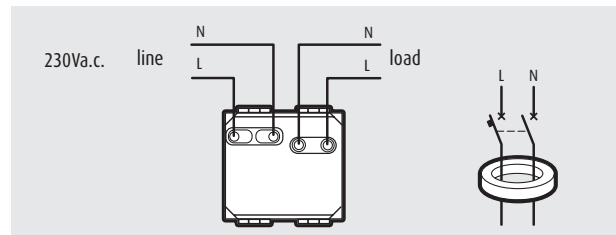
The device has an electronic earth-leakage release which is self-powered through a built-in rectifier. It gives additional protection against direct contact with parts connected to the power supply. This electronic solution enables the device to detect earth-fault leakage current with continuous components (earth leakage - type A ) and reduce accidental trips due to line disturbances. A red/green flag shows the position of the contacts (closed or open). In a system sized according to the IEC Standards, a correct installation requires a "Salvavita" upstream of an automatic earth leakage thermal magnetic circuit breaker with $\Delta n = 30\text{mA}$.

Technical features

- rated current: 6-10-16A
- rated voltage: 230V a.c. 50Hz
- rear terminals
- max conductor size: 4mm²
- overcurrent protection on phase
- breaking capacity: I_n 6A: 1500A 230V a.c.
 I_n 10-16A: 3000A 230V a.c.
- tripping features - type C
- differential breaking capacity - device "B": 500A
- differential rated current - device "B": 10 mA
- maximum specific pass-through energy I^2t (A²s):

breaking capacity	I_n		
	6A	10A	16A
1500A	7500	11000	13000
3000A		28000	30000

Wiring diagram - device "B"



The principle of the above diagram goes for devices "A", too.

FUSECARRIERS

Features of fuses installed

Item fusecarrier	Type of fuse	Size of fuse	Voltage rating	Rated current	Coupling	Max. conductor size to terminals
HC-HS4321	miniature glass body	5x20 mm 6.3x32 mm	250V a.c.	max 10A	bayonet	4 mm ²

GAS DETECTORS

Device

HC-HS4511/12
 HC-HS4512/12
 HC-HS4520

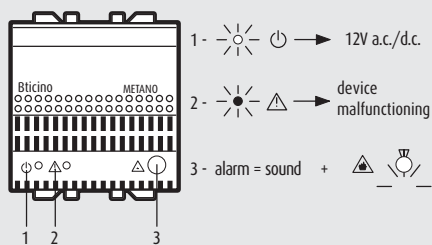
The range of gas detectors includes:

- methane gas detectors
- GPL gas detectors

Methane and GPL gas detectors comply with standard UNI CEI 70028 and with the European standard project EN 50194. All detectors use the latest-generation semiconductor sensors; this feature makes every device extremely selective on the gas for which it was rated, thus the possibilities of accidental alarms are reduced. They are controlled by a microprocessor and are provided with an internal self-test for signalling possible anomalies of electronic components of the sensor and of external connections. A series of LEDs and an audible signalling device indicate proper power supply, a possible anomaly or an alarm situation. As required by the Standards, all devices are sensitive to just one type of gas and clearly show the name of the manufacturer, the type of gas for which they were made, the recommended replacement date, the guaranteed period of operation, etc.. All devices are made in a two-module enclosure. Only the configuration that requires an installation combined with the repeater and detector is covered by the IMQ - UNI - CIG mark of conformity, according to the Standard UNI CEI 70028.

Alarm indications and proper operation

The alarm, failure and proper power supply indication is signalled by the LEDs and by the audible signalling devices which bear the standard symbols required by the regulation.

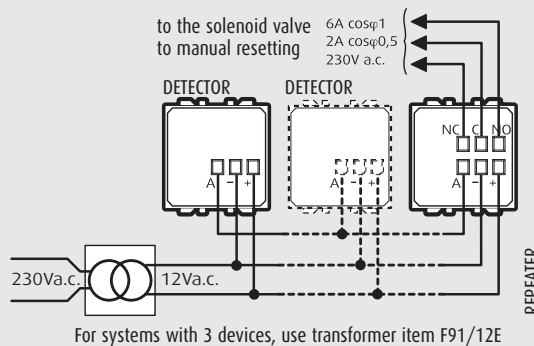


Technical features

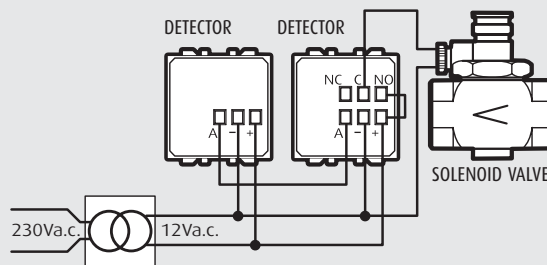
- power supply: 12V a.c./d.c. \pm 10%
- absorbed power: max 2W
- operating temperature: 5 to 40°C
- loudness level of the alarm signal: 85dB a 1m
- operative sensitivity: 10% of the gas explosion level, lower limit

Wiring diagrams

Connection to a gas detector and a signal repeater.



Connection to a gas detector, a signal repeater and solenoid valve.



ELECTRONIC STEP RELAY

Device

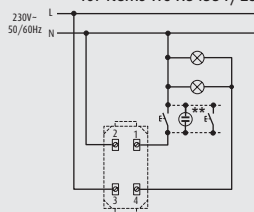
A HC-HS4331/230
 B HC-HS4332/230

Technical features

- power supply: 230V a.c. 50/60Hz
- load max: μ 10 AX 250V a.c.
- max conductor size: 2,5 mm²
- connections: 3 wires ("A"), 3-4 wires ("B")

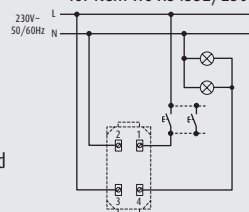
ELECTRONIC STEP RELAY: electrical connections

3 wire connections: for items HC-HS4331/230 and HC-HS4332/230**



** Light bulb cannot be installed with item HC-HS4332/230

4 wire connections: for item HC-HS4332/230



Radio controls

AXOLUTE RADIO CONTROL DEVICES

These devices are used in combination with the radio two-way switch actuators in order to add new control points to the existing electrical system.

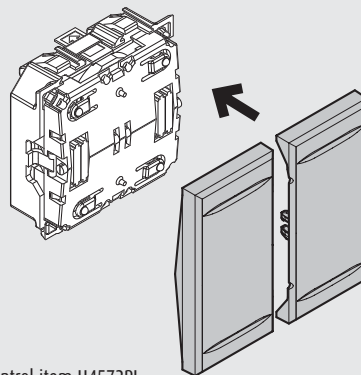
The association between the radio controls and the actuator is achieved through a simple configuration operation which does not require the use of software or particular accessories.

Three versions are available:

- item H4572PI with 2 AXOLUTE modules for flush mounting installations using the usual supporting frame and finishing plate;
- item HA/HB4572 with 2 AXOLUTE modules and low-profile (only 13 mm thick), including a supporting frame for surface-mounting on wooden, glass and stone walls, to be completed with a finishing plate.

Both versions are completed with special key covers item HS/HC4919.

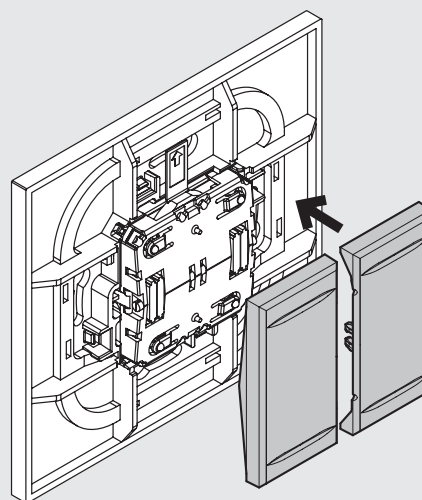
- remote control item 3527 with 6 pushbuttons which can be customised with graphic labels and set up for being used by disabled people.



Radio control item H4572PI

Technical information – controls, item H4572PI and item HA/HB4572

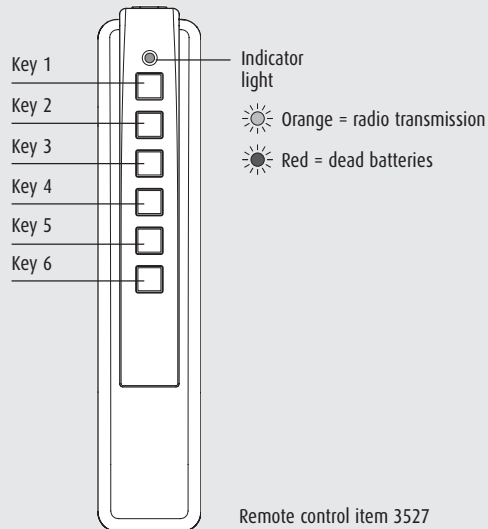
- power source: 3V battery - type CR2032
- operating temperature: +5°C - +35°C
- minimum life of battery: 2 years
- radio frequency: 868 Mhz
- range: 100 metres in free air (metal walls, concrete and metallic plates reduce the capacity)
- type of modulation: FSK
- installation:
 - flush-mounting (item H4572PI)
 - surface-mounting with double-sided adhesive tape (supplied) or with self-tapping screws (item HA/HB4572).



Radio control item HA4572

Technical Information – remote control item 3527

- power supply: 2 non-rechargeable alkaline pen batteries - 1.5V - type AA (supplied)
- minimum life of batteries: 3 years (batteries supplied)
- radio frequency: 868 MHz
- range: 100 m in open space (metal and concrete walls reduce the range)
- type of modulation: FSK



Remote control item 3527

Radio actuators

RADIO ACTUATOR DEVICES

The radio actuators connected to a traditional electric system enable you to control the loads using radio remote controls item H4572PI, item HA-HB4572 and item 3527. The association between the actuator and the radio control is achieved through a simple configuration operation which does not require the use of software or particular accessories. The range includes flush-mounting devices with AXOLUTE modularity, 2 DIN modules and features a removable version for installations on existing electric sockets. The actuators, with AXOLUTE modularity, are completed with key covers item HC/HS4911/... or item HC/HS4915/... so as to be aesthetically integrated

















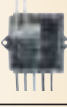





with the AXOLUTE pre-existing system.

Each actuator can be controlled by a maximum of 16 radio control devices.

Technical Data

- supply voltage: 230V a.c. 50 Hz
- operating temperature: -5°C - +35°C
- radio frequency: 868 MHz
- range: 100 metres in free air
(metal and concrete walls as well as metallic plates reduce the range)

Loads that can be controlled from the radio actuators

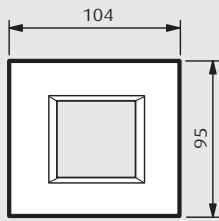
RADIO ACTUATORS							
Item	Contact Type	Loads controlled (230V a.c. 50Hz)					
		 Incandescent lamps	 Resistive loads	 Fluorescent lamps 1)	 Electronic transformers	 Ferromagnetic transformers 2)	 Motors for rolling shutters
 3526		10A 2300W	16A 3500W	4A 1000W	4A 1000W	4Acosφ 0,5 1000VA	-
 3526/10		10A 2300W	10A 3500W	4A 1000W	4A 1000W	4Acosφ 0,5 1000VA	-
 3526/16		10A 2300W	16A 2300W	4A 1000W	4A 1000W	4Acosφ 0,5 1000VA	-
 H4573/2		2A 500W	2A 500W	-	-	2Acosφ 0,5 500VA	2A 500W
 H4574		0,2÷2A 50÷500W	0,2÷2A 50÷500W	0,05÷0,3A 12÷70W	0,05÷0,3A 12÷70W	0,2÷2A cosφ 0,5 50÷500VA	-
The current and power of the load must be within the specified range for proper functioning of the device.							
 3470		2A 500W	2A 500W	-	-	2Acosφ 0,5 500VA	-
 F470/1		6A 1400W	10A 2300W	2A 500W	2A 500W	2A cosφ 0,5 500VA	-
 F470/2		2A 500W	6A 1400W	0,3A 70W	0,3A 70W	2A cosφ 0,5 500VA	2A 500W

NOTES:

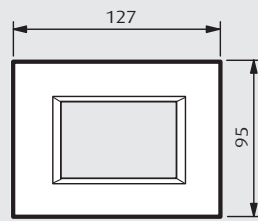
- 1) fluorescent lamps with corrected power factor and energy saving lamps
- 2) it is necessary to consider the efficiency of the transformer in order to calculate the effective power of the actuator load. For instance, if you connect an actuator to a 100VA ferromagnetic transformer with efficiency 0,8, the effective power of the load will be 125VA. The transformer must be loaded at its rated power and, in any case, never below 90% of that power. It is recommended to use one transformer rather than several transformers in parallel. For instance, it is preferred to use one 250VA transformer with 5 50W spotlights connected rather than 5 50VA transformers in parallel, each with a 50W spotlight.

Dimensional data

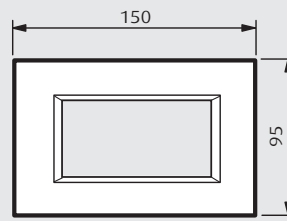
RECTANGULAR COVER PLATES



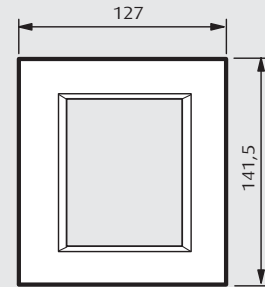
HA4802...



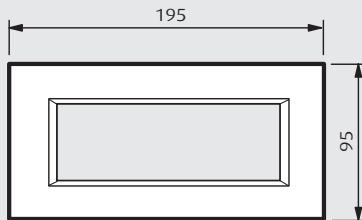
HA4803...
HA4829...



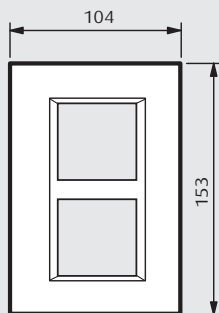
HA4804...



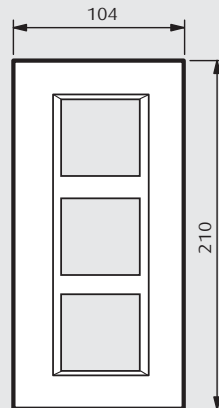
HA4826...



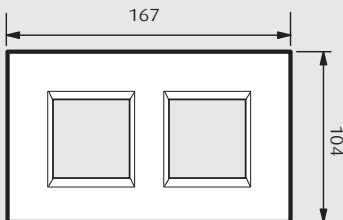
HA4806...
HA4830...



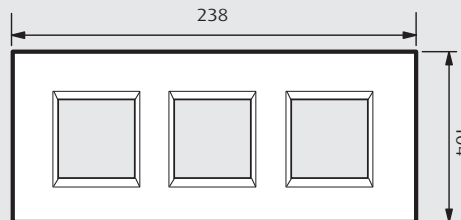
HA4832/2...



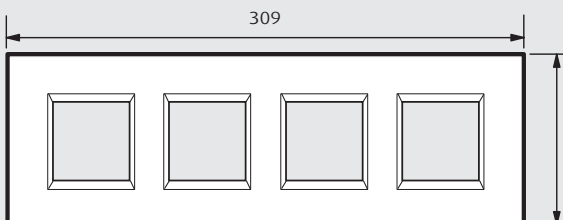
HA4832/3...



HA4802/2...

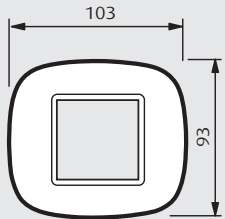


HA4802/3...

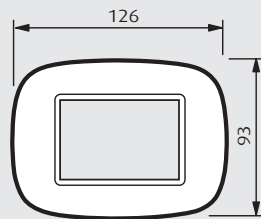


HA4802/4...

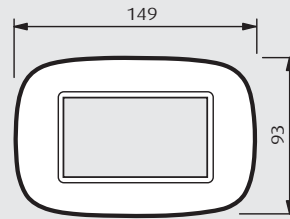
ELLIPTIC COVER PLATES



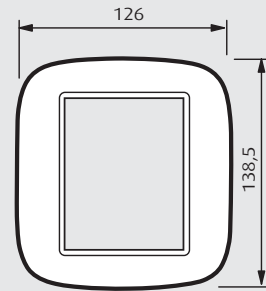
HB4802...



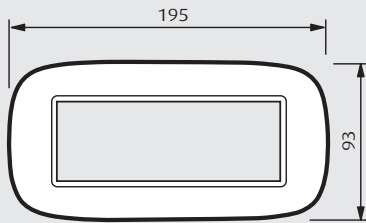
HB4803...
HB4829...



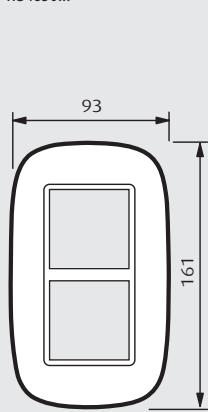
HB4804...



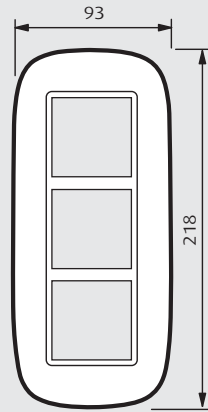
HB4826...



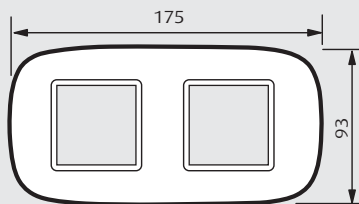
HB4806...
HB4830...



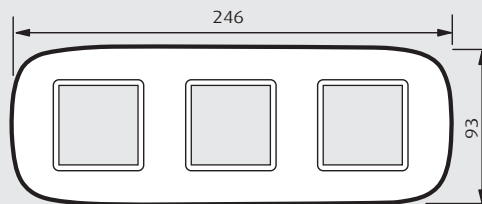
HB4832/2...



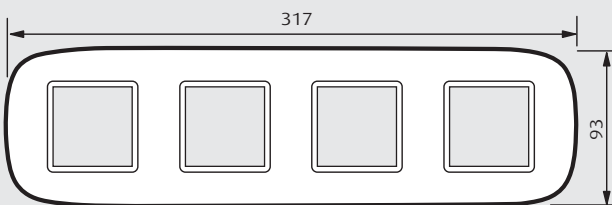
HB4832/3...



HB4802/2...



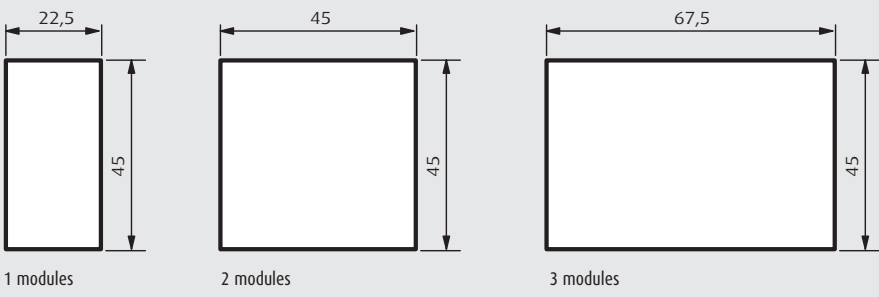
HB4802/3...



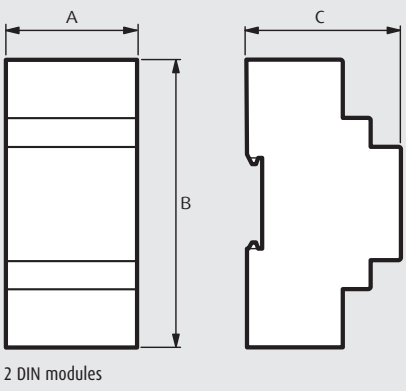
HB4802/4...

Dimensional data

MODULAR DEVICES



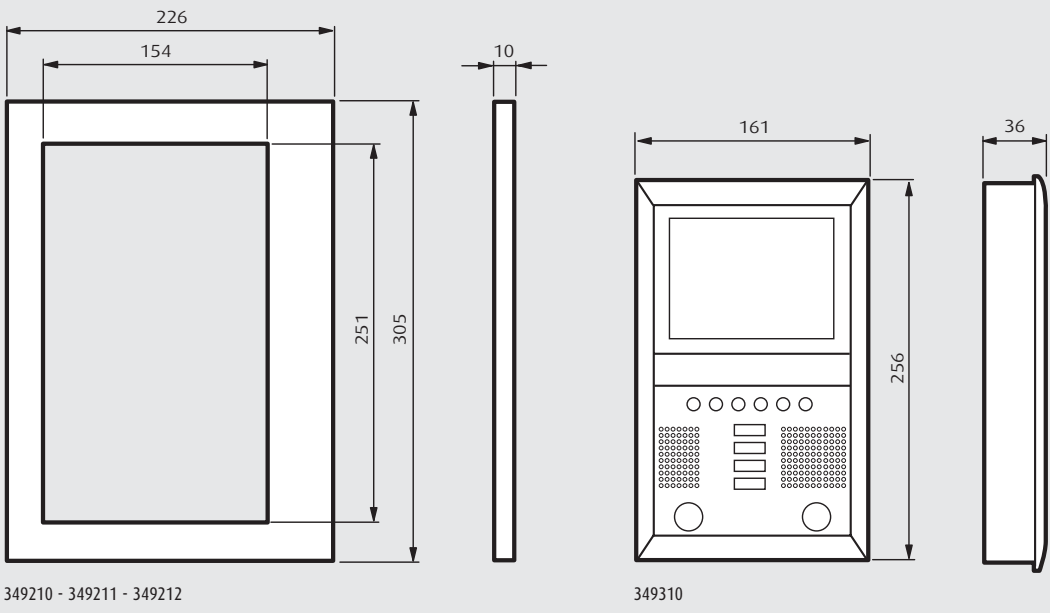
DIN DEVICES



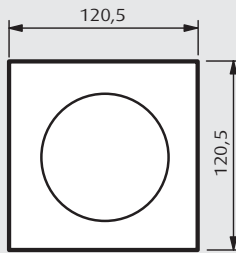
DIN dimension chart (mm)

No. of Modules	A	B	C
1	17,5		
2	35		
3	52,5		
4	70		
5	87,5	90	60 / 61
6	105		
7	122,5		
8	140		
9	157,5		
10	175		

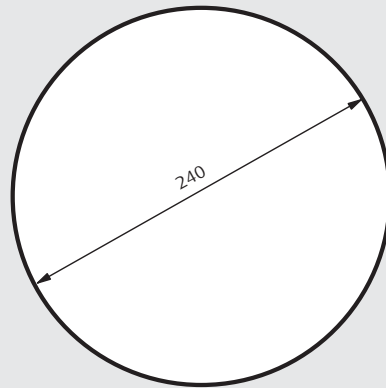
NON MODULAR DEVICES



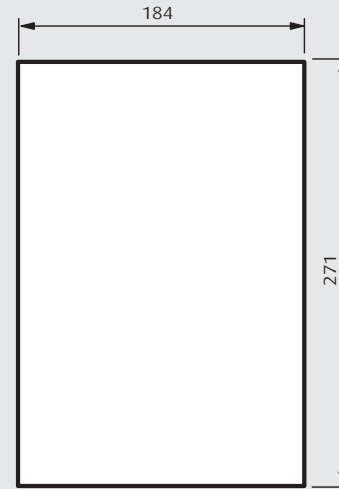
NON MODULAR DEVICES



HC-HS4565
HC-HS4070



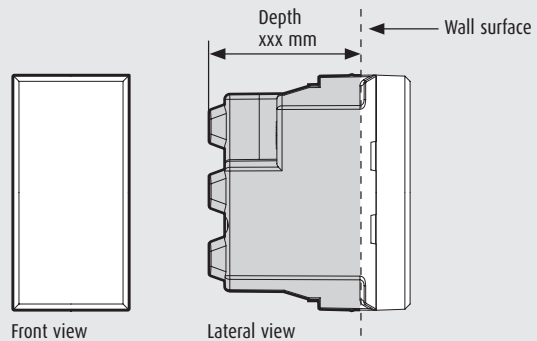
L4566



L4567

DEPTH FROM WALL SURFACE

The space capacity (depth) indicated for the devices, represents the actual space occupied inside the enclosures (boxes).



Front view

Lateral view

Items	Depth mm
H4140/16R	32
H4140/16RW	34
H4140R	32
H4140RW	34
H4141R	32
H4141RW	34
H4142R	32
H4180R	29
H4180RW	26
H4371B/12	31
H4371B/230	31
H4371B/24	31
H4371R/12	31
H4371R/230	31
H4371R/24	31
H4371T/12	31
H4371T/230	31
H4371T/24	31
H4371V/12	31
H4371V/230	31
H4371V/24	31
H4372RT/12	31
H4372RT/230	31

Items	Depth mm
H4372RT/24	31
H4372RV/12	31
H4372RV/230	31
H4372RV/24	31
H4382/12	26
H4382/230	26
H4382/24	26
H4562	26
H4651/2	20
H4652/2	20
H4652/3	20
H4671/1	26
H4671/2	26
H4674	26
H4678	34
H4684	23
HC4001 - HC4001W	31
HC4001/2 - HC4001/2W	31
HC4002	30
HC4003 - HC4003W	31
HC4003/2 - HC4003/2W	31
HC4004	32
HC4004/2	32

Items	Depth mm
HC4005 - HC4005W	31
HC4005/2 - HC4005/2W	31
HC4011S	33
HC4011SW	33
HC4012	30
HC4016	34
HC4019	23
HC4022	30
HC4027	33
HC4027/2	33
HC4033	24
HC4034	31
HC4034/2	31
HC4036	31
HC4036/2	31
HC4037	31
HC4037/2	31
HC4038LA/12	31
HC4038LA/230	31
HC4038LA/24	31
HC4038R/12	31
HC4038R/230	31
HC4038R/24	31

Items	Depth mm
HC4038V/12	31
HC4038V/230	31
HC4038V/24	31
HC4042	31
HC4042/2	31
HC4043	31
HC4043/2	31
HC4044	31
HC4045	26,5
HC4046/2	33,5
HC4046/3	33,5
HC4051	24
HC4051/2	24
HC4051/20	24
HC4053	24
HC4053/2	24
HC4053/20	24
HC4054	24
HC4054/2	24
HC4055	24
HC4055/2	24
HC4055B	24
HC4055P	24

Dimensional data

Items	Depth mm
HC4070	46
HC4113	29
HC4115	28
HC4122	27
HC4122ET	26
HC4124	27
HC4125	26
HC4125S	26
HC4126	26
HC4126S	26
HC4127	26
HC4127S	26
HC4128	26
HC4128S	26
HC4129S	26
HC4140	32
HC4140/16	32
HC4140/16W	34
HC4140W	34
HC4141	32
HC4141W	34
HC4142	32
HC4142A	28
HC4150	29
HC4151	19
HC4152	17
HC4153	24
HC4164/12	27
HC4164/13	40,5
HC4177	45
HC4178	41
HC4180	29
HC4180W	26
HC4183	33,5
HC4185	26
HC4185S	26
HC4188	26
HC4188S	26
HC4202D	30
HC4202DC	30
HC4202P	30
HC4202PT	30
HC4204	-
HC4207	-
HC4210D	26
HC4211D	23
HC4212	-
HC4213D	23
HC4214D	30
HC4238M	36
HC4238S	36
HC4240	21
HC4258/11D	12
HC4258/11N	12
HC4258/12D	12
HC4261AT6	26
HC4262/12	36
HC4262/6	37
HC4262/6S	36
HC4268SC	12
HC4268ST	13

Items	Depth mm
HC4269F	12
HC4279/6	24
HC4279/6F	23
HC4279/6S	24
HC4291	29
HC4292	12
HC4293	12
HC4294	20
HC4301/10	35
HC4301/16	35
HC4301/6	35
HC4305/10	35
HC4305/16	35
HC4305/6	35
HC4321	29
HC4330/...	19
HC4331/230	32
HC4332/230	32
HC4351/12	34
HC4351/230	34
HC4355/12	34
HC4356/12	34
HC4356/230	34
HC4380	31
HC4391	26
HC4401	33,5
HC4407	34
HC4413	34
HC4416	34
HC4425	34
HC4426	34
HC4431	34
HC4432	34
HC4441	34
HC4442	34
HC4449	32
HC4511/12	34
HC4512/12	34
HC4520	34
HC4536	27
HC4541	37
HC4560	20
HC4565	43
HC4575	20
HC4576	20
HC4603/4	20
HC4603/8	20
HC4604	20
HC4605	20
HC4607	20
HC4610	20
HC4611	20
HC4612	20
HC4612/12	20
HC4613	20
HC4614	20
HC4615	20
HC4620	20
HC4653/2	20
HC4653/3	20
HC4654	20

Items	Depth mm
HC4672	26
HC4680	20
HC4692	20
HC4693	20
HC4955/20	13
HC4955/45	25
HS4001 - HS4001W	31
HS4001/2 - HS4001/2W	31
HS4002	30
HS4003 - HS4003W	31
HS4003/2 - HS4003/2W	31
HS4004	32
HS4004/2	32
HS4005 - HS4005W	31
HS4005/2 - HS4005/2W	31
HS4011S	33
HS4011SW	33
HS4012	30
HS4016	34
HS4019	23
HS4022	30
HS4027	33
HS4027/2	33
HS4033	24
HS4034	31
HS4034/2	31
HS4036	31
HS4036/2	31
HS4037	31
HS4037/2	31
HS4038LA/12	31
HS4038LA/230	31
HS4038LA/24	31
HS4038R/12	31
HS4038R/230	31
HS4038R/24	31
HS4038V/12	31
HS4038V/230	31
HS4038V/24	31
HS4042	31
HS4042/2	31
HS4043	31
HS4043/2	31
HS4044	31
HS4045	26,5
HS4046/2	33,5
HS4046/3	33,5
HS4051	24
HS4051/2	24
HS4051/20	24
HS4053	24
HS4053/2	24
HS4053/20	24
HS4054	24
HS4054/2	24
HS4055	24
HS4055/2	24
HS4055B	24
HS4055P	24
HS4070	46
HS4113	29

Items	Depth mm
HS4115	28
HS4122	27
HS4122ET	26
HS4124	27
HS4125	26
HS4125S	26
HS4126	26
HS4126S	26
HS4127	26
HS4127S	26
HS4128	26
HS4128S	26
HS4129S	26
HS4140	32
HS4140/16	32
HS4140/16W	34
HS4140W	34
HS4141	32
HS4141W	34
HS4142	32
HS4142A	28
HS4150	29
HS4151	19
HS4152	17
HS4153	24
HS4164/12	27
HS4164/13	40,5
HS4177	45
HS4178	41
HS4180	29
HS4180W	26
HS4183	33,5
HS4185	26
HS4185S	26
HS4188	26
HS4188S	26
HS4202D	30
HS4202DC	30
HS4202P	30
HS4202PT	30
HS4204	-
HS4207	-
HS4210D	26
HS4211D	23
HS4212	-
HS4213D	23
HS4214D	30
HS4238M	36
HS4238S	36
HS4240	21
HS4258/11D	12
HS4258/11N	12
HS4258/12D	12
HS4261AT6	26
HS4262/12	36
HS4262/6	37
HS4262/6S	36
HS4268SC	12
HS4268ST	13
HS4269F	12




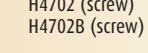
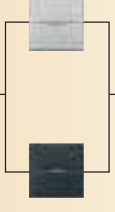





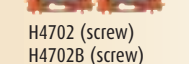
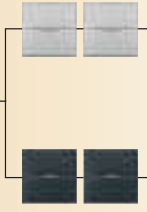





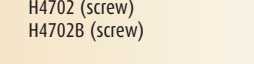
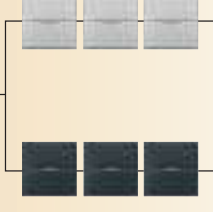





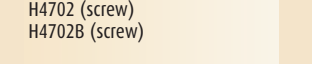



COVER PLATES: INSTALLATION AND COLOUR RANGE



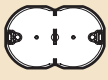
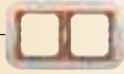












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German and French standard Assembly

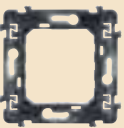
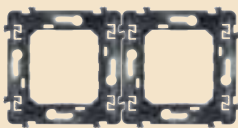

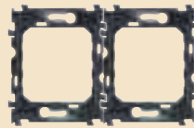
Boxes	Supporting frames	No. of modules	Cover plates
  <p>502E (screw) (70x70x50)</p>	 <p>H4702G (clips) H4702BG (clips)</p>  <p>H4702 (screw) H4702B (screw)</p>	 <p>2 modules</p>	 <p>HA4802..</p>  <p>HB4802...</p>
 <p>centre distance 71 mm</p>  <p>2 x 502E (screw) (70x70x50)</p>	 <p>H4702G (clips) H4702BG (clips)</p>  <p>H4702 (screw) H4702B (screw)</p>	 <p>2 + 2 modules</p>	 <p>HA4802/2...</p>  <p>HB4802/2...</p>
 <p>centre distance 71 mm</p>  <p>3 x 502E (screw) (70x70x50)</p>	 <p>H4702G (clips) H4702BG (clips)</p>  <p>H4702 (screw) H4702B (screw)</p>	 <p>2 + 2 + 2 modules</p>	 <p>HA4802/3...</p>  <p>HB4802/3.....</p>
 <p>centre distance 71 mm</p>  <p>4 x 502E (screw) (70x70x50)</p>	 <p>H4702G (clips) H4702BG (clips)</p>  <p>H4702 (screw) H4702B (screw)</p>	 <p>2 + 2 + 2 + 2 modules</p>	 <p>HA4802/4...</p>  <p>HB4802/4.....</p>

NOTE: the supporting frames are supplied with a pre-installed orange frame-cover and a transparent protection. It is recommended to remove the frame-covers before installing the plates.

Boxes	Supporting frames	No. of modules	Cover plates
 <p>centre distance 57 mm</p>	 <p>H4732/2G (clips) 2 x H4702BG (clips)</p>  <p>H4732/2 (screw) 2 x H4702B (screw)</p>	  <p>2 + 2 modules</p>	 <p>HA4832/2...</p>  <p>HB4832/2...</p>
 <p>centre distance 57 mm</p>	 <p>H4732/3G (clips) 2 x H4702BG (clips)</p>  <p>H4732/3 (screw) 2 x H4702B (screw)</p>	  <p>2 + 2 + 2 modules</p>	 <p>HA4832/3...</p>  <p>HB4832/3.....</p>

NOTE: the supporting frames are supplied with a pre-installed orange frame-cover and a transparent protection. It is recommended to remove the frame-covers before installing the plates.
























Installation of H4702B and H4702BG supporting frames

	71 mm centre distance installation	57 mm centre distance installation	
 <p>H4702B (fixing with screw) H4702BG (fixing with clips)</p>	 <p>To place side by side 2 or more supporting frames</p>	 <p>Before to place side by side 2 or more supporting frames, detach left and right side as indicated</p>	




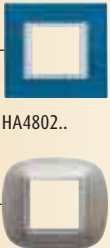








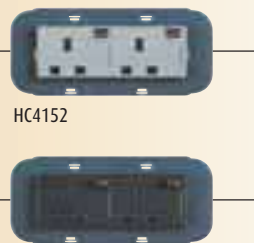

German and French standard rectangular cover plates: table for selecting codes

MODULES							
	2	2+2	2+2+2	2+2+2+2	2+2	2+2+2	
		centre distance 71mm	centre distance 71mm	centre distance 71mm	centre distance 57mm	centre distance 57mm	
RECTANGULAR COVER PLATES							
ALUMINIUM							
	brushed aluminium	HA4802XC	HA4802/2XC	HA4802/3XC	HA4802/4XC	HA4832/2XC	HA4832/3XC
	brushed anthracite	HA4802XS	HA4802/2XS	HA4802/3XS	HA4802/4XS	HA4832/2XS	HA4832/3XS
	brushed titanium	HA4802NX	HA4802/2NX	HA4802/3NX	HA4802/4NX	HA4832/2NX	HA4832/3NX
LACQUERED							
	white Limoges	HA4802BG	HA4802/2BG	HA4802/3BG	HA4802/4BG	HA4832/2BG	HA4832/3BG
	red China	HA4802RC	HA4802/2RC	HA4802/3RC	HA4802/4RC	HA4832/2RC	HA4832/3RC
	green Sèvres	HA4802VS	HA4802/2VS	HA4802/3VS	HA4802/4VS	HA4832/2VS	HA4832/3VS
	blue Meissen	HA4802BM	HA4802/2BM	HA4802/3BM	HA4802/4BM	HA4832/2BM	HA4832/3BM
ANODIZED							
	brushed chrome	HA4802CR	HA4802/2CR	HA4802/3CR	HA4802/4CR	HA4832/2CR	HA4832/3CR
	brushed bronze	HA4802BR	HA4802/2BR	HA4802/3BR	HA4802/4BR	HA4832/2BR	HA4832/3BR
	brushed mercury	HA4802AZ	HA4802/2AZ	HA4802/3AZ	HA4802/4AZ	HA4832/2AZ	HA4832/3AZ
	silver mat	HA4802SA	HA4802/2SA	HA4802/3SA	HA4802/4SA	HA4832/2SA	HA4832/3SA
WOOD							
	ashwood	HA4802LFR	HA4802/2LFR	HA4802/3LFR	HA4802/4LFR	HA4832/2LFR	HA4832/3LFR
	teak	HA4802LTK	HA4802/2LTK	HA4802/3LTK	HA4802/4LTK	HA4832/2LTK	HA4832/3LTK
	wenge	HA4802LWE	HA4802/2LWE	HA4802/3LWE	HA4802/4LWE	HA4832/2LWE	HA4832/3LWE
GLASS							
	black glass	HA4802VNN	HA4802/2VNN	HA4802/3VNN	HA4802/4VNN	HA4832/2VNN	HA4832/3VNN
	blue glass	HA4802VZS	HA4802/2VZS	HA4802/3VZS	HA4802/4VZS	HA4832/2VZS	HA4832/3VZS
	mirror glass	HA4802VSA	HA4802/2VSA	HA4802/3VSA	HA4802/4VSA	HA4832/2VSA	HA4832/3VSA
	kristall glass	HA4802VKA	HA4802/2VKA	HA4802/3VKA	HA4802/4VKA	HA4832/2VKA	HA4832/3VKA
STONE							
	slate	HA4802RLV	HA4802/2RLV	HA4802/3RLV	HA4802/4RLV	HA4832/2RLV	HA4832/3RLV
	Carrara marble	HA4802RMC	HA4802/2RMC	HA4802/3RMC	HA4802/4RMC	HA4832/2RMC	HA4832/3RMC
SUPPORTING FRAMES							
	fixing with screws	H4702	H4702 (x2)	H4702 (x3)	H4702 (x4)	H4732/2	H4732/3
	with clips	H4702G	H4702G (x2)	H4702G (x3)	H4702G (x4)	H4732/2G	H4732/3G
	luminous supporting frames (with screws) for rectangular cover plates	HA4702X					


















German and French standard elliptic cover plates: table for selecting codes

MODULES							
	2	2+2	2+2+2	2+2+2+2	2+2	2+2+2	
		centre distance 71mm	centre distance 71mm	centre distance 71mm	centre distance 57mm	centre distance 57mm	
ELLIPTIC COVER PLATES							
METALLIZED							
	Axolute aluminium	HB4802XC	HB4802/2XC	HB4802/3XC	HB4802/4XC	HB4832/2XC	HB4832/3XC
	Axolute anthracite	HB4802XS	HB4802/2XS	HB4802/3XS	HB4802/4XS	HB4832/2XS	HB4832/3XS
	solid black	HB4802NR	HB4802/2NR	HB4802/3NR	HB4802/4NR	HB4832/2NR	HB4832/3NR
LIQUID							
	liquid white	HB4802DB	HB4802/2DB	HB4802/3DB	HB4802/4DB	HB4832/2DB	HB4832/3DB
	liquid ivory	HB4802DA	HB4802/2DA	HB4802/3DA	HB4802/4DA	HB4832/2DA	HB4832/3DA
	liquid blue	HB4802DZ	HB4802/2DZ	HB4802/3DZ	HB4802/4DZ	HB4832/2DZ	HB4832/3DZ
	liquid orange	HB4802DR	HB4802/2DR	HB4802/3DR	HB4802/4DR	HB4832/2DR	HB4832/3DR
	liquid green	HB4802DV	HB4802/2DV	HB4802/3DV	HB4802/4DV	HB4832/2DV	HB4832/3DV
GLOSSY							
	shiny gold	HB4802OR	HB4802/2OR	HB4802/3OR	HB4802/4OR	HB4832/2OR	HB4832/3OR
	light titanium	HB4802TC	HB4802/2TC	HB4802/3TC	HB4802/4TC	HB4832/2TC	HB4832/3TC
	silver mat	HB4802SA	HB4802/2SA	HB4802/3SA	HB4802/4SA	HB4832/2SA	HB4832/3SA
	gold mat	HB4802OS	HB4802/2OS	HB4802/3OS	HB4802/4OS	HB4832/2OS	HB4832/3OS
WOOD							
	maple	HB4802LAE	HB4802/2LAE	HB4802/3LAE	HB4802/4LAE	HB4832/2LAE	HB4832/3LAE
	cherrywood	HB4802LCA	HB4802/2LCA	HB4802/3LCA	HB4802/4LCA	HB4832/2LCA	HB4832/3LCA
	walnut	HB4802LNC	HB4802/2LNC	HB4802/3LNC	HB4802/4LNC	HB4832/2LNC	HB4832/3LNC
CORIAN®							
	Dusk	HB4802CDK	HB4802/2CDK	HB4802/3CDK	HB4802/4CDK	HB4832/2CDK	HB4832/3CDK
	Sandstone	HB4802CSD	HB4802/2CSD	HB4802/3CSD	HB4802/4CSD	HB4832/2CSD	HB4832/3CSD
STEEL							
	shiny Alessi stainless steel	HB4802AXL					
	brushed Alessi stainless steel	HB4802AXS					
	shiny steel	HB4802ACL	HB4802/2ACL	HB4802/3ACL	HB4802/4ACL	HB4832/2ACL	HB4832/3ACL
	brushed steel	HB4802ACS	HB4802/2ACS	HB4802/3ACS	HB4802/4ACS	HB4832/2ACS	HB4832/3ACS
LEATHER							
	sand leather	HB4802SLC	HB4802/2SLC	HB4802/3SLC	HB4802/4SLC	HB4832/2SLC	HB4832/3SLC
	coffee leather	HB4802SLS	HB4802/2SLS	HB4802/3SLS	HB4802/4SLS	HB4832/2SLS	HB4832/3SLS
SUPPORTING FRAMES							
	fixing with screws	H4702	H4702 (x2)	H4702 (x3)	H4702 (x4)	H4732/2	H4732/3
	with clips	H4702G	H4702G (x2)	H4702G (x3)	H4702G (x4)	H4732/2G	H4732/3G
	luminous supporting frames (with screws) for elliptic cover plates"	HB4702X					

British standard Assembly

Boxes	Supporting frames	No. of modules	Cover plates
 <p>2 modules Dimension: 75 x 75 mm Fixing centres: 60.3 mm</p>	 <p>H4702BS</p>	 <p>2 modules</p>	 <p>HA4802.. HB4802..</p>
 <p>4 modules Dimension: 75 x 135 mm Fixing centres: 120.6 mm</p>	 <p>HC4704BS HS4704BS</p>	 <p>4 modules</p>	 <p>HA4830.. HB4830..</p>
 <p>2 modules Dimension: 75 x 75 mm Fixing centres: 60.3 mm</p>		 <p>HC4151 HC4153 HS4151 HS4153</p>	 <p>HA4829.. HB4829..</p>
 <p>4 modules Dimension: 75 x 135 mm Fixing centres: 120.6 mm</p>		 <p>HC4152 HS4152</p>	 <p>HA4830.. HB4830..</p>

NOTE: before installing boxes, check plate dimensions (see pages Dimensional data)

Boxes	Supporting frames	No. of modules	Cover plates
 <p>2 modules Dimension: 75 x 75 mm Fixing centres: 60.3 mm</p>		 HC4019  HS4019	 HA4829...  HB4829...
 <p>2 modules Dimension: 75 x 75 mm Fixing centres: 60.3 mm</p>		 HC4011S  HC4011SW  HS4011S  HS4011SW	 HA4802..  HB4802...
 <p>4 modules Dimension: 75 x 135 mm Fixing centres: 120.6 mm</p>		 HC4178  HS4178	 HA4830..  HB4830...

NOTE: before installing boxes, check plate dimensions (see pages Dimensional data)

British standard rectangular cover plates: table for selecting codes

MODULES		SWITCHSOCKETS		45A SWITCHES	32A SWITCH	"SHAVER SUPPLY UNIT"
2	4	1 gang	2 gang	HC4019	HC4011S HC4011SW	HC4178
		HC4151 HS4151	HC4152 HS4152	HS4019	HS4011S HS4011SW	HS4178
		HC4153 HS4153				

RECTANGULAR COVER PLATES (*)

ALUMINIUM								
	brushed aluminium	HA4802XC	HA4830XC	HA4829XC	HA4830XC	HA4829XC	HA4802XC	HA4830XC
	brushed anthracite	HA4802XS	HA4830XS	HA4829XS	HA4830XS	HA4829XS	HA4802XS	HA4830XS
	brushed titanium	HA4802NX	HA4830NX	HA4829NX	HA4830NX	HA4829NX	HA4802NX	HA4830NX
LACQUERED								
	white Limoges	HA4802BG	HA4830BG	HA4829BG	HA4830BG	HA4829BG	HA4802BG	HA4830BG
	red China	HA4802RC	HA4830RC	HA4829RC	HA4830RC	HA4829RC	HA4802RC	HA4830RC
	green Sèvres	HA4802VS	HA4830VS	HA4829VS	HA4830VS	HA4829VS	HA4802VS	HA4830VS
	blue Meissen	HA4802BM	HA4830BM	HA4829BM	HA4830BM	HA4829BM	HA4802BM	HA4830BM
ANODIZED								
	brushed chrome	HA4802CR	HA4830CR	HA4829CR	HA4830CR	HA4829CR	HA4802CR	HA4830CR
	brushed bronze	HA4802BR	HA4830BR	HA4829BR	HA4830BR	HA4829BR	HA4802BR	HA4830BR
	brushed mercury	HA4802AZ	HA4830AZ	HA4829AZ	HA4830AZ	HA4829AZ	HA4802AZ	HA4830AZ
	silver mat	HA4802SA	HA4830SA	HA4829SA	HA4830SA	HA4829SA	HA4802SA	HA4830SA
WOOD								
	ashwood	HA4802LFR	HA4830LFR	HA4829LFR	HA4830LFR	HA4829LFR	HA4802LFR	HA4830LFR
	teak	HA4802LTK	HA4830LTK	HA4829LTK	HA4830LTK	HA4829LTK	HA4802LTK	HA4830LTK
	wenge	HA4802LWE	HA4830LWE	HA4829LWE	HA4830LWE	HA4829LWE	HA4802LWE	HA4830LWE
GLASS								
	black glass	HA4802VNN	HA4830VNN	HA4829VNN	HA4830VNN	HA4829VNN	HA4802VNN	HA4830VNN
	blue glass	HA4802VZS	HA4830VZS	HA4829VZS	HA4830VZS	HA4829VZS	HA4802VZS	HA4830VZS
	mirror glass	HA4802VSA	HA4830VSA	HA4829VSA	HA4830VSA	HA4829VSA	HA4802VSA	HA4830VSA
	kristall glass	HA4802VKA	HA4830VKA	HA4829VKA	HA4830VKA	HA4829VKA	HA4802VKA	HA4830VKA
STONE								
	slate	HA4802RLV	HA4830RLV	HA4829RLV	HA4830RLV	HA4829RLV	HA4802RLV	HA4830RLV
	Carrara marble	HA4802RMC	HA4830RMC	HA4829RMC	HA4830RMC	HA4829RMC	HA4802RMC	HA4830RMC

SUPPORTING FRAMES (*)






















fixing with screws	HA4702BS
with aluminium screw caps	HC4704BS
with anthracite screw caps	HS4704BS
luminous supporting frames (with screws) for rectangular cover plates	HA4702X

* Items conform to BS 5733

British standard elliptic cover plates: table for selecting codes

MODULES		SWITCHSOCKETS		45A SWITCHES	32A SWITCH	"SHAVER SUPPLY UNIT"
2	4	1 gang	2 gang	HC4019	HC4011S HC4011SW	HC4178
		HC4151 HS4151	HC4152 HS4152	HS4019	HS4011S HS4011SW	HS4178
		HC4153 HS4153				

ELLIPTIC COVER PLATES (*)

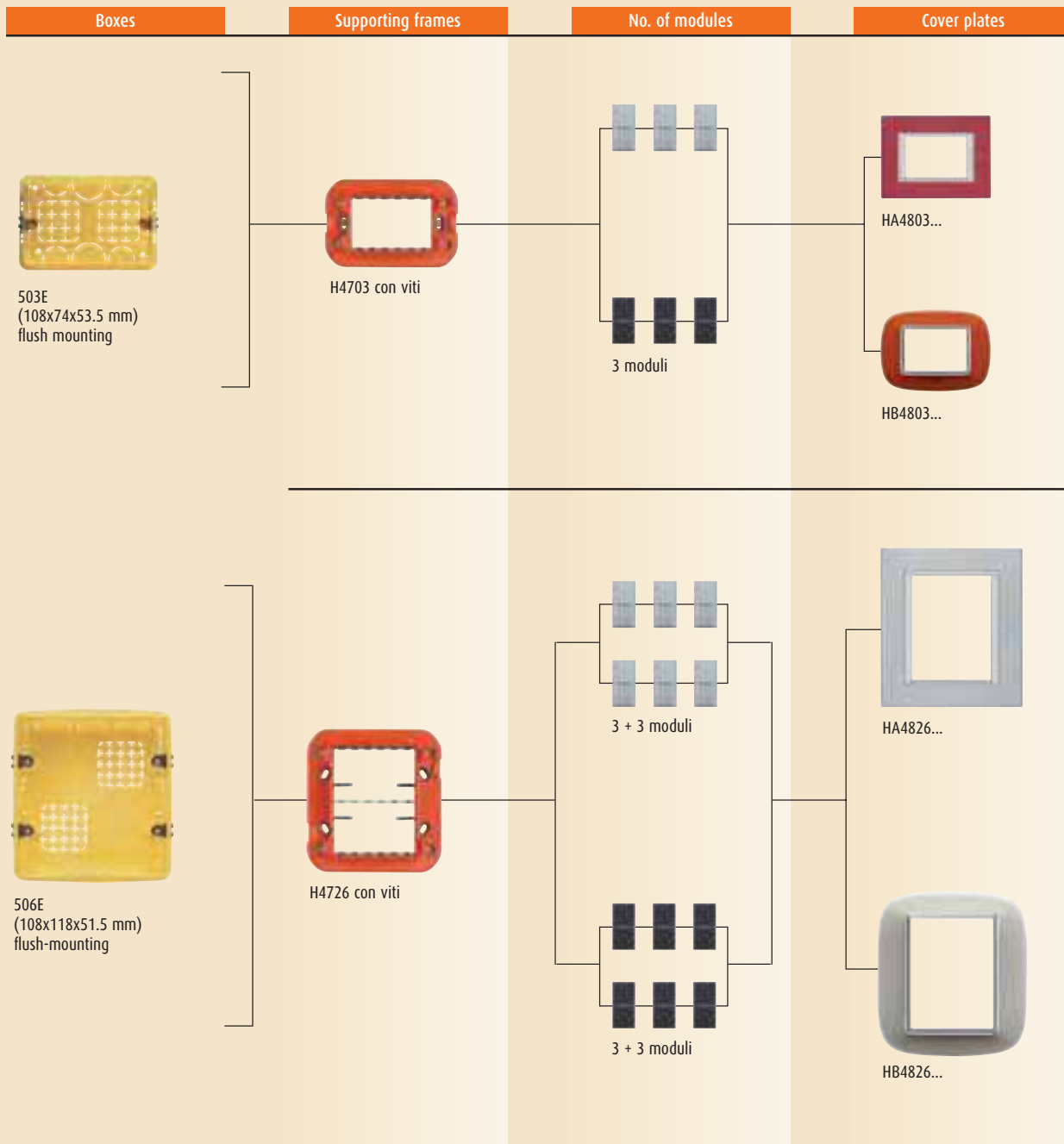
METALLIZED								
	Axolute aluminium	HB4802XC	HB4830XC	HB4829XC	HB4830XC	HB4829XC	HB4802XC	HB4830XC
	Axolute anthracite	HB4802XS	HB4830XS	HB4829XS	HB4830XS	HB4829XS	HB4802XS	HB4830XS
	solid black	HB4802NR	HB4830NR	HB4829NR	HB4830NR	HB4829NR	HB4802NR	HB4830NR
LIQUID								
	liquid white	HB4802DB	HB4830DB	HB4829DB	HB4830DB	HB4829DB	HB4802DB	HB4830DB
	liquid ivory	HB4802DA	HB4830DA	HB4829DA	HB4830DA	HB4829DA	HB4802DA	HB4830DA
	liquid blue	HB4802DZ	HB4830DZ	HB4829DZ	HB4830DZ	HB4829DZ	HB4802DZ	HB4830DZ
	liquid orange	HB4802DR	HB4830DR	HB4829DR	HB4830DR	HB4829DR	HB4802DR	HB4830DR
	liquid green	HB4802DV	HB4830DV	HB4829DV	HB4830DV	HB4829DV	HB4802DV	HB4830DV
GLOSSY								
	shiny gold	HB4802OR	HB4830OR	HB4829OR	HB4830OR	HB4829OR	HB4802OR	HB4830OR
	light titanium	HB4802TC	HB4830TC	HB4829TC	HB4830TC	HB4829TC	HB4802TC	HB4830TC
	silver mat	HB4802SA	HB4830SA	HB4829SA	HB4830SA	HB4829SA	HB4802SA	HB4830SA
	gold mat	HB4802OS	HB4830OS	HB4829OS	HB4830OS	HB4829OS	HB4802OS	HB4830OS
WOOD								
	maple	HB4802LAE	HB4830LAE	HB4829LAE	HB4830LAE	HB4829LAE	HB4802LAE	HB4830LAE
	herrywood	HB4802LCA	HB4830LCA	HB4829LCA	HB4830LCA	HB4829LCA	HB4802LCA	HB4830LCA
	walnut	HB4802LNC	HB4830LNC	HB4829LNC	HB4830LNC	HB4829LNC	HB4802LNC	HB4830LNC
CORIAN®								
	Dusk	HB4802CDK	HB4830CDK	HB4829CDK	HB4830CDK	HB4829CDK	HB4802CDK	HB4830CDK
	Sandstone	HB4802CSD	HB4830CSD	HB4829CSD	HB4830CSD	HB4829CSD	HB4802CSD	HB4830CSD
STEEL								
	shiny Alessi stainl. steel	HB4802AXL	HB4830AXL	HB4829AXL	HB4830AXL	HB4829AXL	HB4802AXL	HB4830AXL
	brushed Alessi stainl. steel	HB4802AXS	HB4830AXS	HB4829AXS	HB4830AXS	HB4829AXS	HB4802AXS	HB4830AXS
LEATHER								
	sand leather	HB4802SLC	HB4830SLC	HB4829SLC	HB4830SLC	HB4829SLC	HB4802SLC	HB4830SLC
	coffee leather	HB4802SLS	HB4830SLS	HB4829SLS	HB4830SLS	HB4829SLS	HB4802SLS	HB4830SLS

SUPPORTING FRAMES (*)

fixing with screws	H4702BS
with aluminium screw caps	HC4704BS
with anthracite screw caps	HS4704BS
luminous supporting frames (with screws) for elliptic cover plates	HB4702X





















* Items conform to BS 5733







American standard Assembly






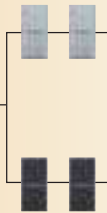


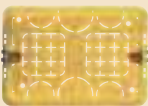


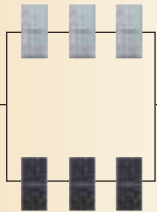





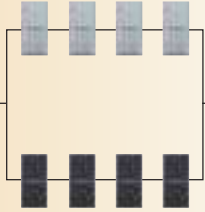


NOTE: the supporting frames are supplied with a pre-installed orange frame-cover and a transparent protection. It is recommended to remove the frame-covers before installing the plates.

American standard cover plates: table for selecting codes



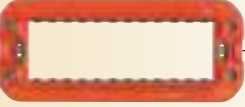

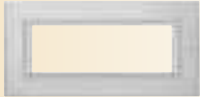

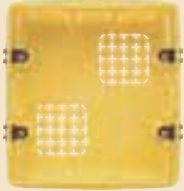

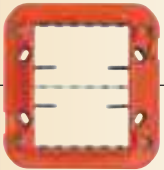
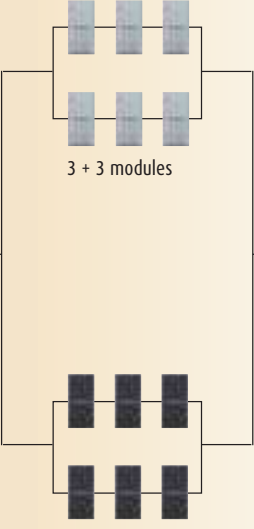


MODULES			
		3	3 + 3
RECTANGULAR COVER PLATES			
ALUMINIUM			
	brushed aluminium	HA4803XC	HA4826XC
	brushed anthracite	HA4803XS	HA4826XS
	brushed titanium	HA4803NX	HA4826NX
LAQUERED			
	white Limoges	HA4803BG	HA4826BG
	red China	HA4803RC	HA4826RC
	green Sèvres	HA4803VS	HA4826VS
	blue Meissen	HA4803BM	HA4826BM
ANODIZED			
	brushed chrome	HA4803CR	HA4826CR
	brushed bronze	HA4803BR	HA4826BR
	brushed mercury	HA4803AZ	HA4826AZ
	silver mat	HA4803SA	HA4826SA
WOOD			
	ashwood	HA4803LFR	HA4826LFR
	teak	HA4803LTK	HA4826LTK
	wenge	HA4803LWE	HA4826LWE
GLASS			
	black glass	HA4803VNN	HA4826VNN
	blue glass	HA4803VZS	HA4826VZS
	mirror glass	HA4803VSA	HA4826VSA
	kristall glass	HA4803VKA	HA4826VKA
STONE			
	slate	HA4803RLV	HA4826RLV
	Carrara marble	HA4803RMC	HA4826RMC
SUPPORTING FRAMES			
	fixing with screws	H4703	H4726
	luminous supporting frames (with screws) for rectangular cover plates	HA4703X	

MODULES			
		3	3 + 3
ELLIPTIC COVER PLATES			
METALLIZED			
	Axolute aluminium	HB4803XC	HB4826XC
	Axolute anthracite	HB4803XS	HB4826XS
	solid black	HB4803NR	HB4826NR
LIQUID			
	liquid white	HB4803DB	HB4826DB
	liquid ivory	HB4803DA	HB4826DA
	liquid blue	HB4803DZ	HB4826DZ
	liquid orange	HB4803DR	HB4826DR
	liquid green	HB4803DV	HB4826DV
GLOSSY			
	shiny gold	HB4803OR	HB4826OR
	light titanium	HB4803TC	HB4826TC
	silver mat	HB4803SA	HB4826SA
	gold mat	HB4803OS	HB4826OS
WOOD			
	maple	HB4803LAE	HB4826LAE
	cherrywood	HB4803LCA	HB4826LCA
	walnut	HB4803LNC	HB4826LNC
CORIAN®			
	Dusk	HB4803CDK	HB4826CDK
	Sandstone	HB4803CSD	HB4826CSD
STEEL			
	shiny Alessi stainl. steel	HB4803AXL	HB4826AXL
	brushed Alessi stainl. steel	HB4803AXS	HB4826AXS
LEATHER			
	sand leather	HB4803SLC	HB4826SLC
	coffee leather	HB4803SLS	HB4826SLS
SUPPORTING FRAMES			
	fixing with screws	H4703	H4726
	luminous supporting frames (with screws) for elliptic cover plates	HB4703X	

Italian standard Assembly

Boxes	Supporting frames	No. of modules	Cover plates
 <p>500 (Ø 60x44 mm) flush-mounting</p>  <p>PB502 (Ø 68x51 mm) plasterboard</p>	 <p>H4702IT (clips)</p>	 <p>2 modules</p>	 <p>HA4802..</p>  <p>HB4802...</p>
 <p>503E (108x74x53.5 mm) flush mounting</p>  <p>PB503 (109x68x51 mm) plasterboard</p>	 <p>H4703 with screws</p>	 <p>3 modules</p>	 <p>HA4803...</p>  <p>HB4803...</p>
 <p>504E (133x74x53.5 mm) flush mounting</p>  <p>PB504 (131.5x68x51 mm) plasterboard</p>	 <p>H4704 with screws</p>	 <p>4 modules</p>	 <p>HA4804...</p>  <p>HB4804...</p>




















NOTE: the supporting frames are supplied with a pre-installed orange frame-cover and a transparent protection. It is recommended to remove the frame-covers before installing the plates.

Boxes	Supporting frames	No. of modules	Cover plates
 <p>506L (183.5x90x53.5 mm) flush-mounting</p>  <p>PB506 (182x68x51 mm) plasterboard</p>	 <p>H4706 with screws</p>	 <p>6 modules</p>	 <p>HA4806...</p>  <p>HB4806...</p>
 <p>506E (108x118x51.5 mm) flush-mounting</p>  <p>PB526 (109x114x51 mm) plasterboard</p>	 <p>H4726 with screws</p>	 <p>3 + 3 modules</p>	 <p>HA4826...</p>  <p>HB4826...</p>

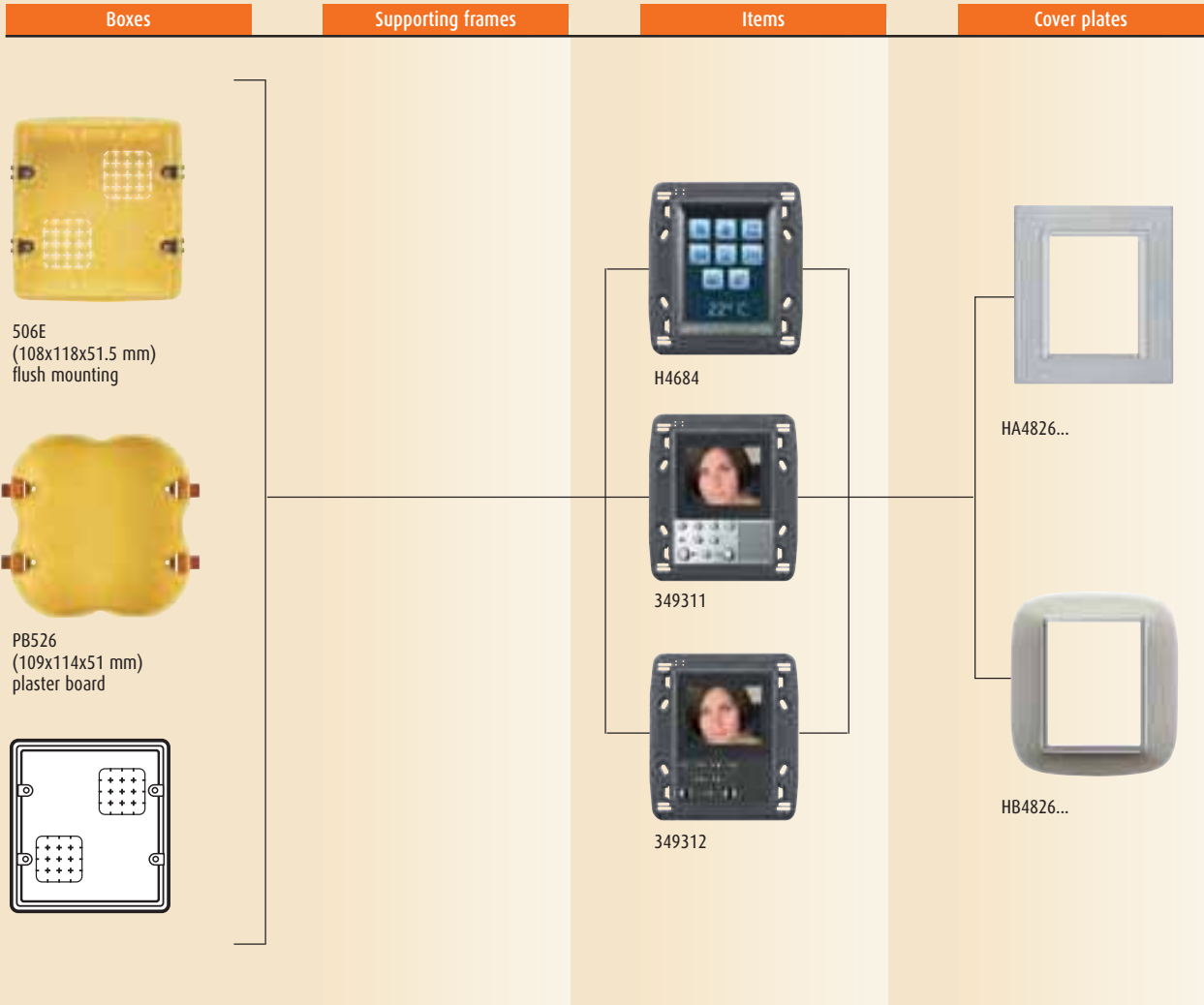
Italian standard rectangular cover plates: table for selecting codes

MODULES						
		2	3	4	6	3 + 3
RECTANGULAR COVER PLATES						
ALUMINIUM						
	brushed aluminium	HA4802XC	HA4803XC	HA4804XC	HA4806XC	HA4826XC
	brushed anthracite	HA4802XS	HA4803XS	HA4804XS	HA4806XS	HA4826XS
	brushed titanium	HA4802NX	HA4803NX	HA4804NX	HA4806NX	HA4826NX
LACQUERED						
	white Limoges	HA4802BG	HA4803BG	HA4804BG	HA4806BG	HA4826BG
	red China	HA4802RC	HA4803RC	HA4804RC	HA4806RC	HA4826RC
	green Sévres	HA4802VS	HA4803VS	HA4804VS	HA4806VS	HA4826VS
	blue Meissen	HA4802BM	HA4803BM	HA4804BM	HA4806BM	HA4826BM
ANODIZED						
	brushed chrome	HA4802CR	HA4803CR	HA4804CR	HA4806CR	HA4826CR
	brushed bronze	HA4802BR	HA4803BR	HA4804BR	HA4806BR	HA4826BR
	brushed mercury	HA4802AZ	HA4803AZ	HA4804AZ	HA4806AZ	HA4826AZ
	silver mat	HA4802SA	HA4803SA	HA4804SA	HA4806SA	HA4826SA
WOOD						
	ashwood	HA4802LFR	HA4803LFR	HA4804LFR	HA4806LFR	HA4826LFR
	teak	HA4802LTK	HA4803LTK	HA4804LTK	HA4806LTK	HA4826LTK
	wenge	HA4802LWE	HA4803LWE	HA4804LWE	HA4806LWE	HA4826LWE
GLASS						
	black glass	HA4802VNN	HA4803VNN	HA4804VNN	HA4806VNN	HA4826VNN
	blue glass	HA4802VZS	HA4803VZS	HA4804VZS	HA4806VZS	HA4826VZS
	mirror glass	HA4802VSA	HA4803VSA	HA4804VSA	HA4806VSA	HA4826VSA
	kristall glass	HA4802VKA	HA4803VKA	HA4804VKA	HA4806VKA	HA4826VKA
STONE						
	slate	HA4802RLV	HA4803RLV	HA4804RLV	HA4806RLV	HA4826RLV
	Carrara marble	HA4802RMC	HA4803RMC	HA4804RMC	HA4806RMC	HA4826RMC
SUPPORTING FRAMES						
	with screws		H4703	H4704	H4706	H4726
	with clips	H4702IT				
	luminous supporting frames (with screws) for rectangular cover plates	HA4702X	HA4703X	HA4704X		

Italian standard elliptic cover plates: table for selecting codes

MODULES						
	2	3	4	6	3 + 3	
ELLIPTIC COVER PLATES						
METALIZED						
	Axolute aluminium	HB4802XC	HB4803XC	HB4804XC	HB4806XC	HB4826XC
	Axolute anthracite	HB4802XS	HB4803XS	HB4804XS	HB4806XS	HB4826XS
	solid black	HB4802NR	HB4803NR	HB4804NR	HB4806NR	HB4826NR
LIQUID						
	liquid white	HB4802DB	HB4803DB	HB4804DB	HB4806DB	HB4826DB
	liquid ivory	HB4802DA	HB4803DA	HB4804DA	HB4806DA	HB4826DA
	liquid blue	HB4802DZ	HB4803DZ	HB4804DZ	HB4806DZ	HB4826DZ
	liquid orange	HB4802DR	HB4803DR	HB4804DR	HB4806DR	HB4826DR
	liquid green	HB4802DV	HB4803DV	HB4804DV	HB4806DV	HB4826DV
GLOSSY						
	shiny gold	HB4802OR	HB4803OR	HB4804OR	HB4806OR	HB4826OR
	light titanium	HB4802TC	HB4803TC	HB4804TC	HB4806TC	HB4826TC
	silver mat	HB4802SA	HB4803SA	HB4804SA	HB4806SA	HB4826SA
	gold mat	HB4802OS	HB4803OS	HB4804OS	HB4806OS	HB4826OS
WOOD						
	maple	HB4802LAE	HB4803LAE	HB4804LAE	HB4806LAE	HB4826LAE
	cherrywood	HB4802LCA	HB4803LCA	HB4804LCA	HB4806LCA	HB4826LCA
	walnut	HB4802LNC	HB4803LNC	HB4804LNC	HB4806LNC	HB4826LNC
CORIAN®						
	Dusk	HB4802CDK	HB4803CDK	HB4804CDK	HB4806CDK	HB4826CDK
	Sandstone	HB4802CSD	HB4803CSD	HB4804CSD	HB4806CSD	HB4826CSD
STEEL						
	shiny Alessi stainless steel	HB4802AXL	HB4803AXL	HB4804AXL	HB4806AXL	HB4826AXL
	brushed Alessi stainless steel	HB4802AXS	HB4803AXS	HB4804AXS	HB4806AXS	HB4826AXS
SUPPORTING FRAMES						
	with screws		H4703	H4704	H4706	H4726
	with clips	H4702IT				
	luminous supporting frames (with screws) for elliptic cover plates	HB4702X	HB4703X	HB4704X		

Touch screen and Videodisplay Assembly












Touch screen and Video Display cover plates: table for selecting codes

ITEMS	
	HA4684
	349311
	349312

ITEMS	
	HA4684
	349311
	349312

RECTANGULAR COVER PLATES

ALUMINIUM	
	brushed aluminium HA4826XC
	brushed anthracite HA4826XS
	brushed titanium HA4826NX
LACQUERED	
	white Limoges HA4826BG
	red China HA4826RC
	green Sèvres HA4826VS
	blue Meissen HA4826BM
ANODIZED	
	brushed chrome HA4826CR
	brushed bronze HA4826BR
	brushed mercury HA4826AZ
	silver mat HA4826SA
WOOD	
	ashwood HA4826LFR
	teak HA4826LTK
	wenge HA4826LWE
GLASS	
	black glass HA4826VNN
	blue glass HA4826VZS
	mirror glass HA4826VSA
	kristall glass HA4826VKA
STONE	
	slate HA4826RLV
	Carrara marble HA4826RMC

ELLIPTIC COVER PLATES

METALLIZED	
	Axolute aluminium HB4826XC
	Axolute anthracite HB4826XS
	solid black HB4826NR
LIQUID	
	liquid white HB4826DB
	liquid ivory HB4826DA
	liquid blue HB4826DZ
	liquid orange HB4826DR
	liquid green HB4826DV
GLOSSY	
	shiny gold HB4826OR
	light titanium HB4826TC
	silver mat HB4826SA
	gold mat HB4826OS
WOOD	
	maple HB4826LAE
	cherrywood HB4826LCA
	walnut HB4826LNC
CORIAN®	
	Dusk HB4826CDK
	Sandstone HB4826CSD
STEEL	
	shiny Alessi stainl. steel HB4826AXL
	brushed Alessi stainl. steel HB4826AXS
	shiny steel HB4826ACL
	brushed steel HB4826ACS
LEATHER	
	sand leather HB4826SLC
	coffee leather HB4826SLS

Rectangular cover plates range

Aluminium

Brushed aluminium



XC

Brushed anthracite



XS

Brushed titanium



NX

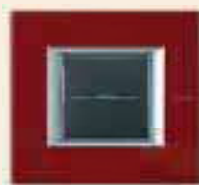
Lacquered

White Limoges



BG

Red China



RC

Green Sèvres



VS

Blue Meissen



BM

Anodized

Brushed chrome



CR

Brushed bronze



BR

Brushed mercury



AZ

Silver



SA

Rectangular cover plates Finishes in fine materials

Wood

Ashwood



LFR

Teak



LTK

Wenge



LWE

Glass

Black glass



VNN

Blue glass



VZS

Mirror glass



VSA

Kristall glass



VKA

Stone

Slate



RLV

Carrara marble



RMC

NOTE ON WOODEN AND STONE COVER PLATES: these cover plates are made with 100% natural materials, hence there could be small shade differences between one plate and the other. The photos are thus indicative.

Elliptic cover plates range

Metalized			
Axolute aluminum	Axolute anthracite	Solid black	
			
XC	XS	NR	
Liquid			
Liquid white	Liquid ivory	Liquid blue	
			
DB	DA	DZ	
Liquid orange	Liquid green		
			
DR	DV		
Glossy			
Shiny gold	Silver mat	Light titanium	Gold mat
			
OR	SA	TC	OS

Elliptic cover plates Finishes in fine materials



NOTE ON WOODEN AND LEATHER COVER PLATES: these cover plates are made with 100% natural materials, hence there could be small shade differences between one plate and the other. The photos are thus indicative.

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