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# Smart solutions for marine applications

Sail all the way to luxury living





# Welcome on board





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The ABB route is still the same: achieving new goals in energy and automation technology. World leader in home automation, today our horizon has moved towards integrated solutions for marine applications. Thanks to flexibility of our technological standards and scalable system design, we can satisfy any need from small crafts to large ships. Our values, which are in every ABB product, are always our reference point: energy efficiency, safety and continuous innovation.

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# State-of-the-art technology

High-end design, comfort and safety





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The yacht becomes home, sometimes even better equipped. Everything has its own place. The space is perfectly organized and reflects the owner's taste. Lighting, heating, air-conditioning, etc. can be comfortably controlled from one point, even also remote-controlled from home via mobile phone. Furthermore the yacht can get individual design style through premium design light switches and socket outlets always fitting to the unique style of the interior.

# All you need under control

Passenger ships with intelligence. Modern building automation used in ships has become more efficient than ever in order to meet the highest demands of passengers. Adaptable systems turn the ship into a smart floating home.

## Busch-ComfortTouch®

### Operation and display the direct way

With the large Busch-ComfortTouch® on the wall, you have maximum control over all functions in the ship. It can control lighting, heating, fresh air supply and blinds. It integrates media technology and the Internet. You can switch entire light scenes with the touch of a finger, call up weather information or even select chosen music on the radio. The control elements are visible and clearly arranged guaranteeing intuitive operation.

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01  
Busch-ComfortTouch® 12.1  
black glass



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01

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02  
Busch-ComfortTouch® 12.1  
white glass



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02

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03  
Busch-ComfortTouch® 9  
black glass



—  
03

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04  
Busch-ComfortTouch® 9  
white glass

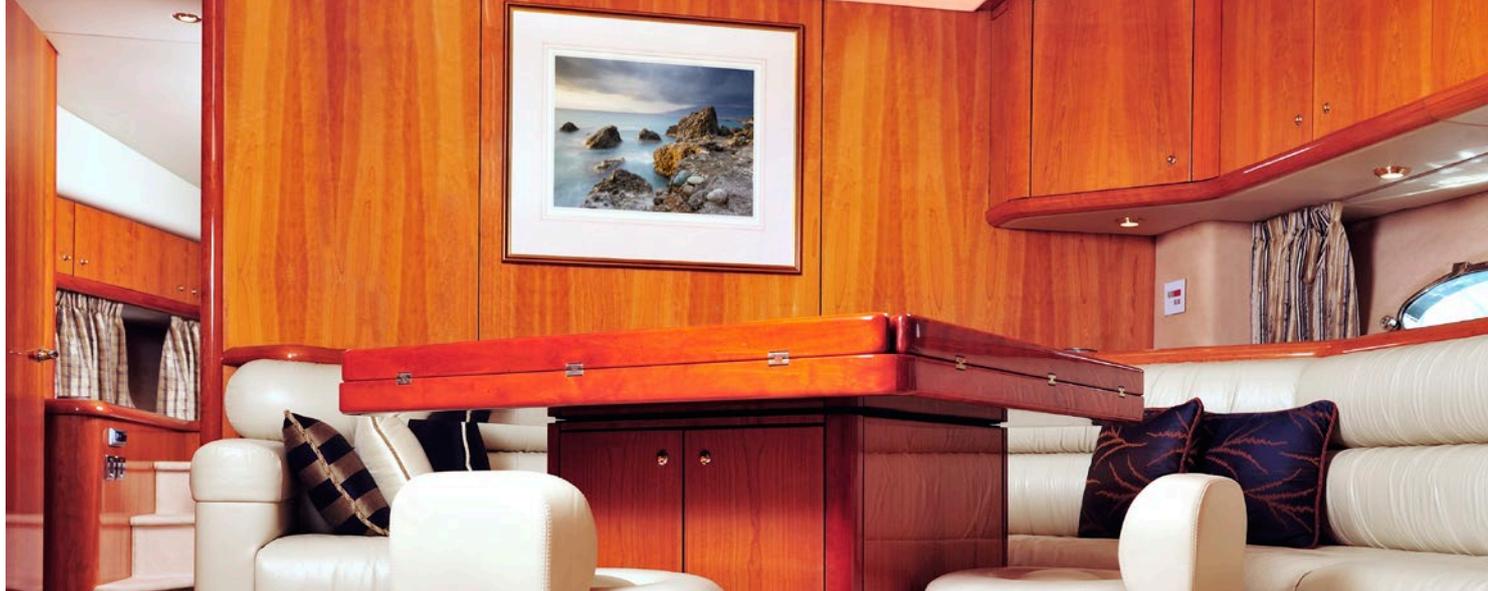


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04



reddot design award  
winner 2013





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## Busch-ControlTouch® KNX Easy KNX remote control with mobile device

Smart phones, tablets and smartwatches turn into a practical remote control, thanks to Busch-ControlTouch® KNX. It connects the KNX installation with the IP network, allowing control of all KNX functions in the ship. Applications for iOS and Android create intuitive operation, allowing switches, dimmers, blinds, scenes, IP cameras and many more devices to be integrated into the system.



- For smartphones and tablets (iOS and Android) and Apple Watch
- Web-based commissioning
- Intuitive and comfortable operation
- IP cameras, UPnP devices (for instance Sonos wireless boxes) and Philips Hue lamps can be integrated
- Error and alarm messages via push messages

## Busch-priOn®

### The central control unit

Busch-priOn® allows you to control and monitor functions in the entire room. Light, scenes, timer, blind control unit, heating control unit - all functions are controlled simply and intuitively via a rotary knob, and freely programmable functions can be called up via the rocker switches. Busch-priOn® is a non-fixed, modular concept. An iconic design in four high-quality variants: glass white, glass black, white high gloss plastic and stainless steel with anti-fingerprint coating.

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01 Rotary control element

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02 3gang control element

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03 Flush-mounted movement sensor

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04 Rotary control element with single-line display



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01



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02



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03



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## KNX control elements

### Different shapes, material and colours fulfill every requirement

KNX control elements offer an endless number of possibilities for creative design. They are available in many light switch designs, thus its combination with a classical installation like socket outlets brings a perfect impression.

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01 Millenium KNX switch sensor



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02 pure stainless steel switch sensor



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02

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03 Mylos KNX sensor



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04 Zenit KNX switch sensor



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05 carat® KNX switch sensor



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06 Busch-axcent® KNX switch sensor



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07 solo® KNX switch sensor



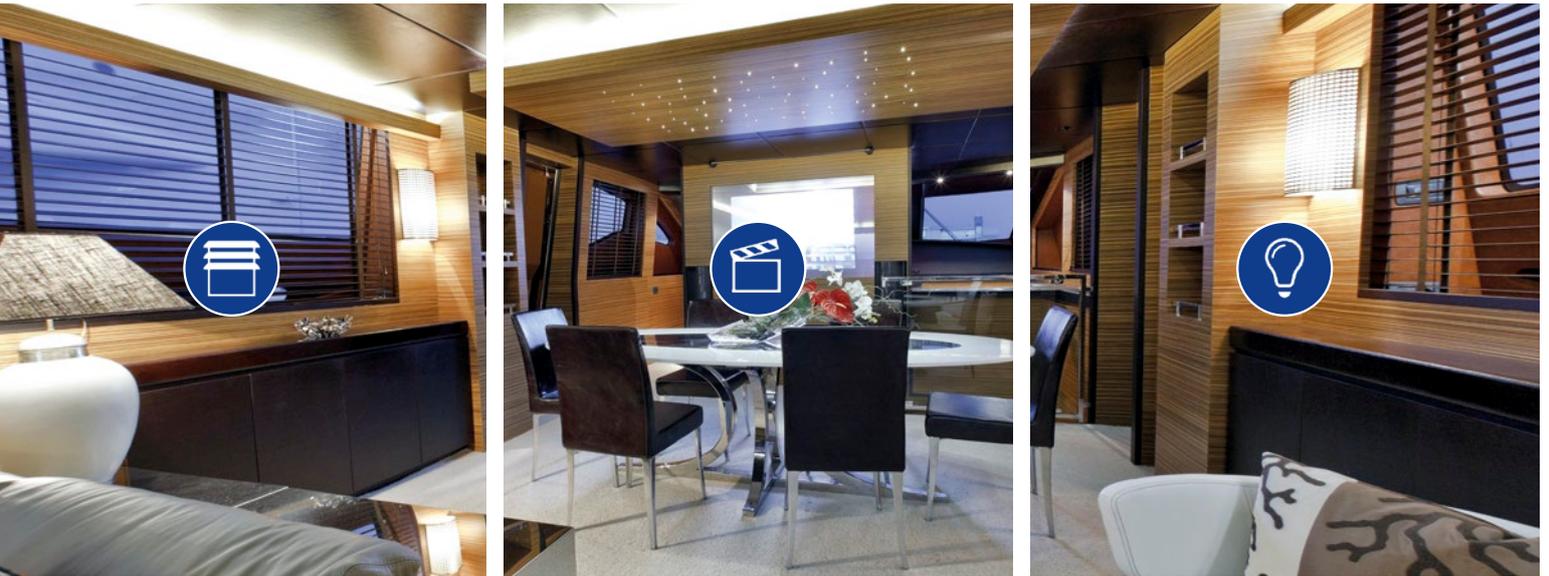
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07

—  
08 future® linear KNX switch sensor



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08

# Control over all functions in the yacht



Security, comfort, sensation. The touch panel Comfort Touch is not just a high-tech control unit for environments. It hides something more: state-of-the-art design, intuitive commands and simple programming. It offers a full view, at any time, of every technological installation and provides multiple services to any environment, including typical automation functions: lighting control, climate control, automated shutters and blinds controls, programming and activating preset scenarios, security, telephone and

intercom functions, music and video diffusion. A highly advanced technology with unlimited commands and functions easy to be managed, even remotely, thanks to the domotic app developed by ABB.

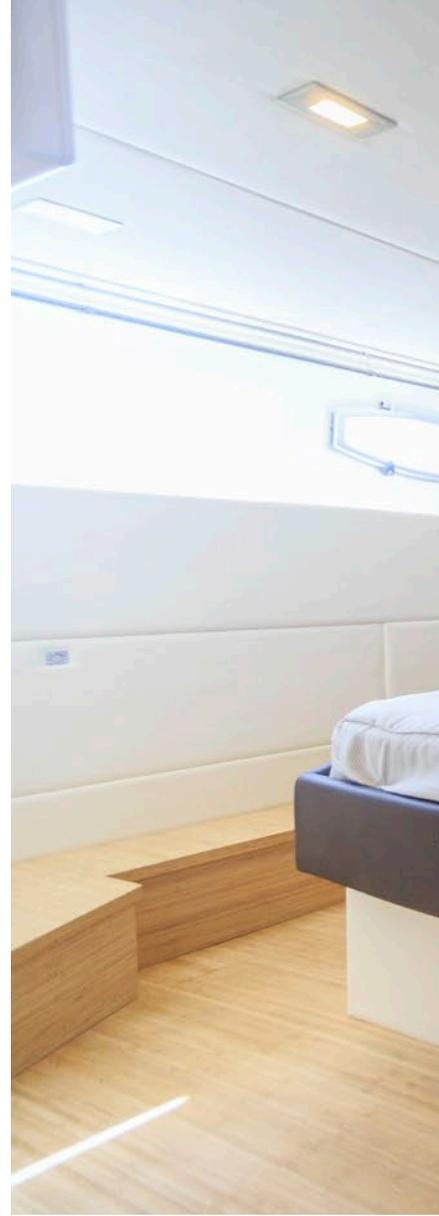
Available with a wide, luminous, colour, 9 or 10-inch display in 16:9 format.

Customizable with glass frame in black or white.



## High-end designs

Plentiful choice of shapes, materials and colours.



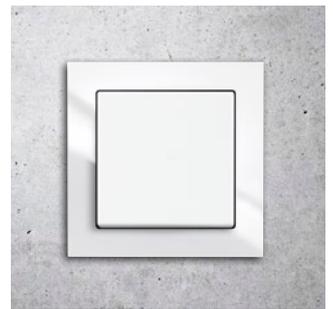
— carat®



— Busch-dynasty®



— pure stainless steel



— Busch-axcent®



— Sky Niessen



— Skymoon



— Mylos



— Zenit



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**future® linear**

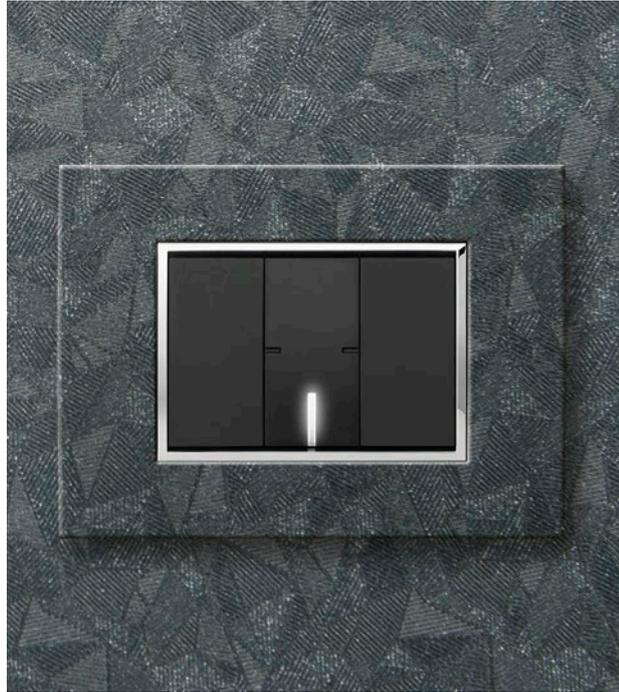
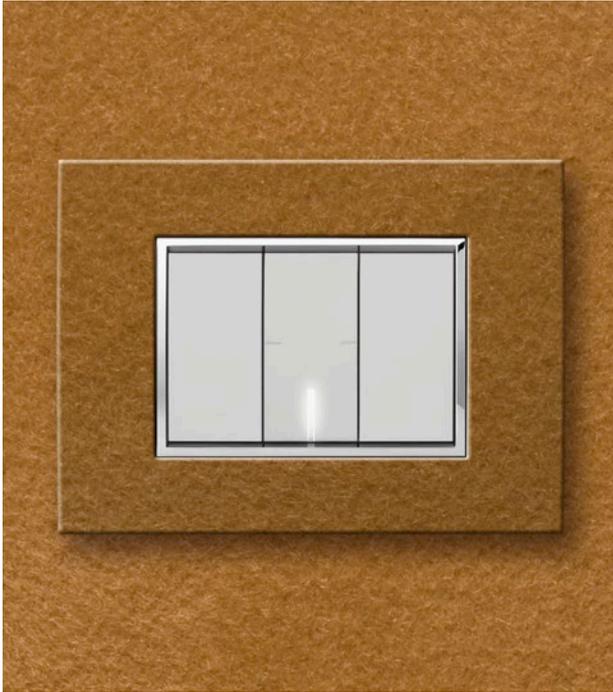


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**Millenium**

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# Mylos Ultra

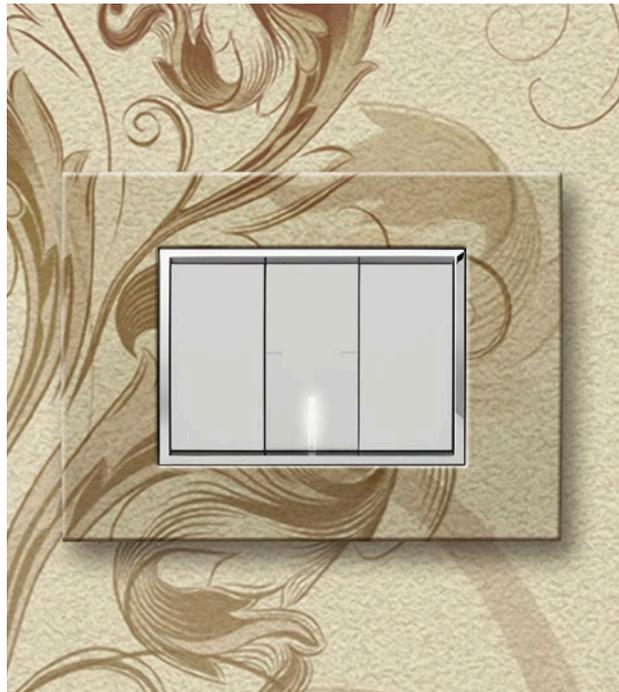
## Customised down to the smallest detail



Any type of boat must be unique in the world.  
Just like its owner.

And the new Mylos Ultra series interprets this concept by offering the privilege of choosing, examining, outfitting your own environment even in the smallest details.

The colours, materials and upholstery are totally exclusive as the three partners chosen by ABB: Alcantara®, surprisingly luxurious to the touch and eye; 3M DI-NOCTM, highly sought hyper-technology; Jannelli&Volpi®, creativity that reinterprets the concept of upholstery. Three names, three styles, three guarantees of customisation. No boundaries, heading for new customisation horizons.



## More than switching on and off

### Selected functions of wiring accessories



01 Rocker switch 1gang

02 Rocker switch 2gang

03 Busch Universal Rotary Dimmer

04 Touch dimmer

05 Busch-Comfort switch

06 Busch-steplight\*

07 Busch-Protector\* SCHUKO® socket outlet with overvoltage protection

08 SCHUKO® USB socket outlet

09 Socket outlet with earthing pin

10 Switched socket outlet BS standard

11 Blind switch with rotary knob

12 Busch-Blind control switch with semi-cylindrical lock

13 Busch-Blind comfort switch

14 Comfort timer

15 Room thermostat with display

16 Busch-AudioWorld\* Busch-Radio iNet

17 Loudspeaker insert

18 Antenna socket for radio/TV/satellite

19 Universal data connection box

20 Stereo loudspeaker connecting box

21 KNX sensor 4/8gang with color concept

1 to 5 gang cover frame for horizontal and vertical installation.

22 Side view: 11 mm x 80 mm

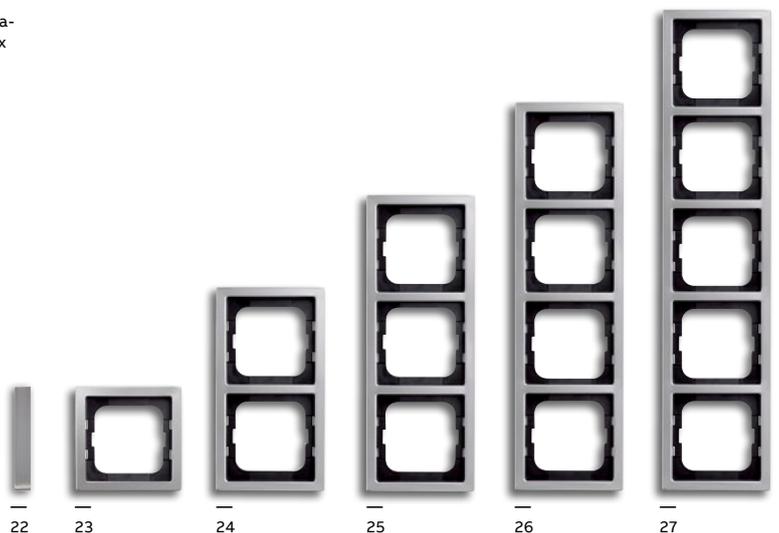
23 80 mm x 80 mm

24 80 mm x 151 mm

25 80 mm x 222 mm

26 80 mm x 293 mm

27 80 mm x 364 mm



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[abb.com/lightswitches](http://abb.com/lightswitches)

