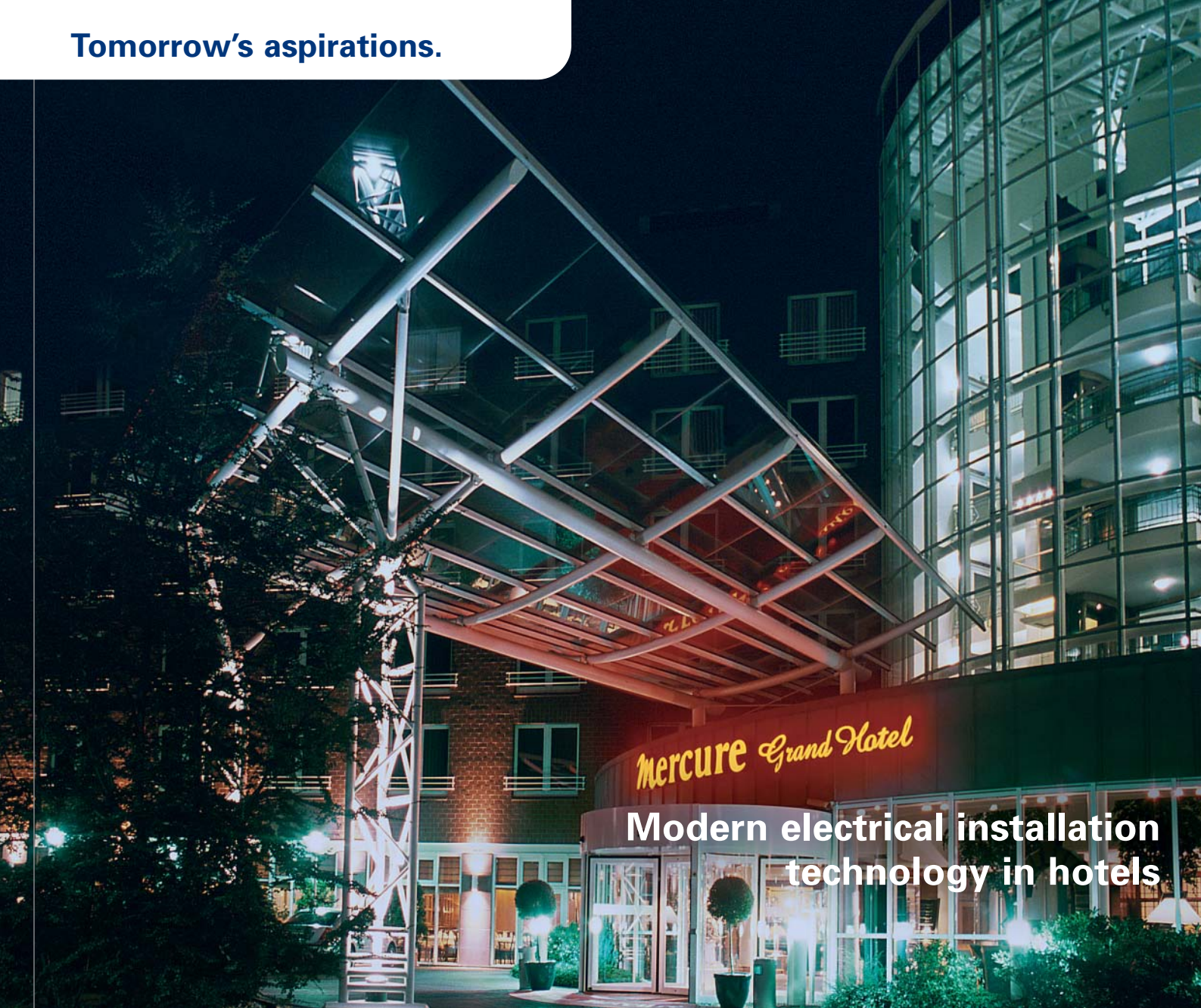


Tomorrow's aspirations.



Modern electrical installation
technology in hotels

ABB



Reference object*: Mercure Grand Hotel, Dortmund

Your partner for electrical installation in hotels.

As a hotel operator, you want to offer your guests the greatest possible degree of comfort. At the same time, it is, however, necessary to keep the overall cost factors in mind. In new buildings as well as in buildings undergoing renovations, Busch-Jaeger provides you with modern electrical installation technology, which optimises the comfort as well as the safety and economic efficiency of your building.

*All of the reference objects displayed in this brochure were fitted with the modern electrical installation technology of Busch Jaeger.

Benefit from the numerous possible combinations and the functionality of the products. Individual and trendsetting solutions for every hotel.

The name Busch-Jaeger has been synonymous with consistent performance, quality and innovation with 125 years. As the market leader in the electrical installation sector, we are constantly improving and expanding our products. Installed by tradesmen, Busch-Jaeger solutions ensure reliable quality with state-of-the-art technology. As of 1969, under umbrella of the BBC, nowadays the ABB, Busch-Jaeger focused on fields of wiring accessories, electronic devices and building management systems. Discover the possibilities of modern electrical installations for the individual and expandable layout of hotels and guest houses. More comfort, safety and economic efficiency – now and in the future.

Style is seen in the details. Setting the tone in a room.	4–9
The best protection. For your guests and the hotel.	10–13
Innovative solutions. Save on expenditure and costs.	14–17



Reference object: Four Seasons hotel, Hamburg

Style is seen in the details. **Setting the tone in a room.**

The first impression often forms the overall view and for this reason every detail is important. For this reason light switches, which have not been limited to pure functionality for a long time, are for example also important. As a decorative element in a room, they clearly set the tone for interior design in foyers, guest rooms, suites as well as in the hotel restaurant.

Various switch ranges and possible combinations open up individual options for laying out representative accommodation.



carat® aluminium waved gold



bronze



high-grade steel



aluminium waved chrome



glass white



glass black

Comfort in every situation.

solo®



davos/studio white



davos/studio white



davos/studio white



davos/studio white

alpha exclusive®



alabaster



alabaster



alabaster



alabaster

Comfort in every situation.

future® linear

The switches, buttons and socket outlets of each series can be joined into multiple combinations in any way desired.



davos/studio white

This device is available as a rotary or touch dimmer, whereupon the function of the rotary dimmer is recognisable at a glance.



davos/studio white

The setting options are on the back of the control wheel, so that your guests can only vary the temperature to a degree specified by you.



davos/studio white

Mains sockets can, in addition to their original function, be used for connecting ISDN or system telephones.



davos/studio white

Busch Comfort Switch. The Busch Comfort Switch offers completely new possibilities in switch operation. Various operating modes allow devices to be switched on and off semi-automatically. In a hotel room, for example, the lights switch on automatically when someone enters the room, yet can then be switched off manually if desired. The exact opposite functionality can also be configured.

Universal Rotary Dimmer. With this dimmer all types of lighting fixtures can be dimmed comfortably and independent of the situation. This is how you "conjure up", for example, different lighting atmospheres in the hotel lounge or the foyer.

Electronic room thermostat. Now your guests can comfortably and sensitively control the warmth in each room. In this way, the state-of-the-art thermostat ensures that the setpoints are quickly reached and reliably maintained. It is suitable both for new buildings as well as for subsequent installation where renovations are being carried out.

Telecommunication connection unit (ISDN/LAN). Communication technology saves time and gives you access to information sources around-the-clock. Installed at the reception or in the guest rooms, this terminal unit offers your guests and employees the best connections.

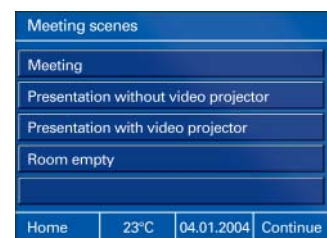
Centrally controlling room functions.



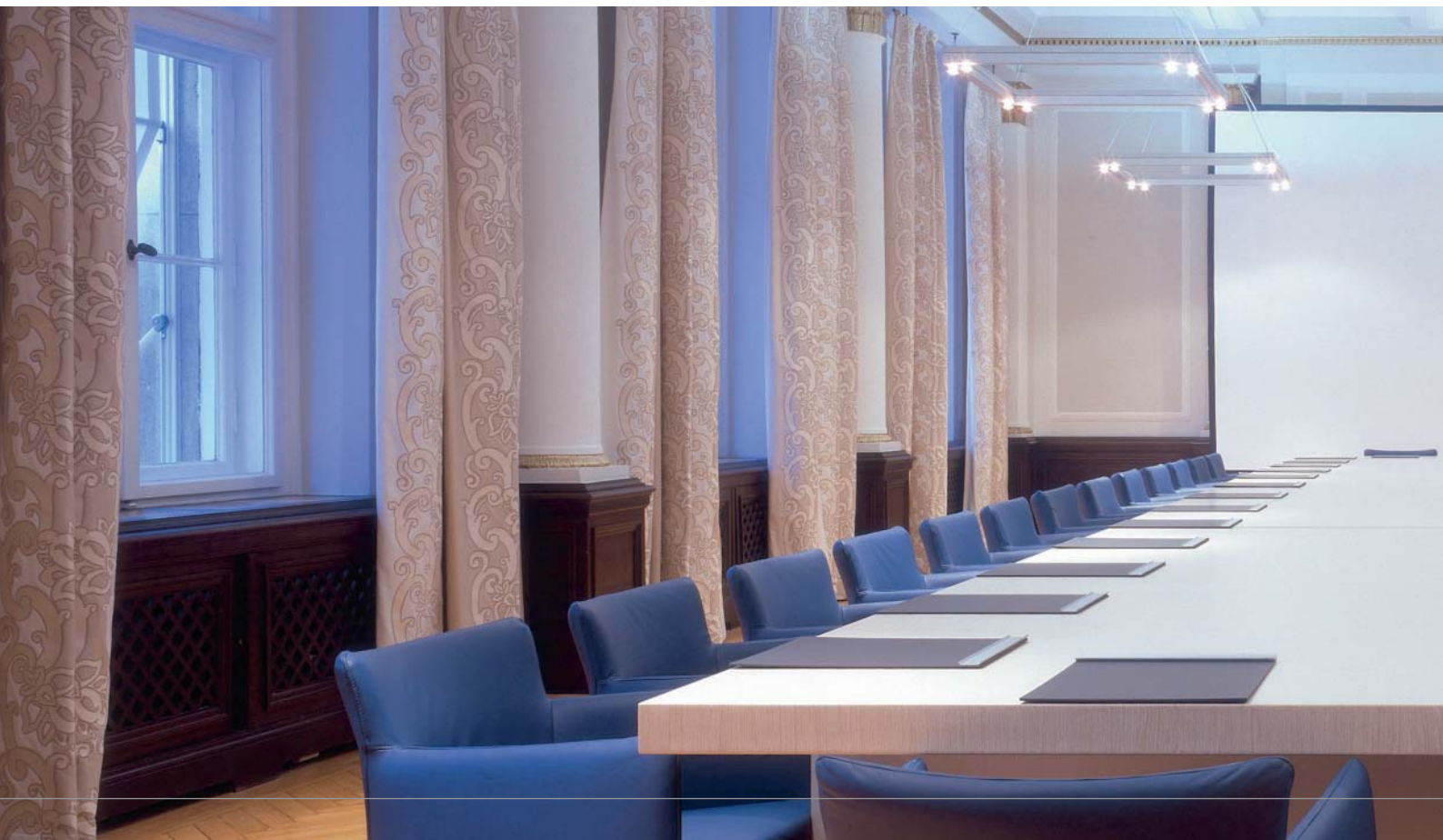
SMARTtouch



With the SMARTtouch you can, for example in conference rooms, comfortably control the different light scenes or the heating from a central location. As different lighting is required for a speech than a slide show. The respective light scenes, which for example control lighting fixtures, blinds or screens, can be called up with one touch of the display. The touch surfaces of the display can be individually adjusted depending on the room.



*Awarded with the design seal for disabled living



Or also comfortably by remote control.

If the panel is not in range, all of the functions such as lighting, blinds, screens, heating or the lifter for the beamer can be controlled via the remote control of Busch-Jaeger or alternatively via the remote control of Bang & Olufsen. This makes sense for speeches and seminars if for example graphics or a film are being shown. Simply presave the different light scenes in the panel menu so that you can call them up if required without effort and interruption.



Bang & Olufsen
Beo4 remote control



Clear functions. Maximum ease of use.



carat®
glass white

Guests that are only staying one night quickly feel overwhelmed by too much technology in their room and hence do not use it. This combination of light switches and for example 4gang control covers provide clear comfort. While the light can be switched on and off in a familiar way via the top push switch, the lower buttons serve, for example, to control the blinds as well as the different light scenes for watching television, reading or working at the desk.





Picture library: Busch-Jaeger

The best protection. For your guests and the hotel.

Busch-Jaeger electrical installation technology provides you with different measures and products that can be combined with each other and in doing so effectively protects your guests as well as the hotel and the interior decoration. This includes, for example, the automatic lighting of halls and staircases as well as the smoke detectors in the rooms and in the building. In this way, your guests can enjoy an untroubled stay.

Products that can be combined with each other to suit every application.



davos/studio white

solo® **Busch-Watchdog 180 UP** **sensor comfort II**

The movement detector Busch-Watchdog 180 UP sensor comfort II precisely detects when someone enters the room and automatically switches the light on. It has a frontal range of 12 m and each side has a range of 8 m respectively, this ensures a large sphere of action. It is ideal for installation in long halls, foyers or staircases. After a specified run-on time, the movement detector automatically switches the light off.

Busch-Watchdog **Presence tech**



Installed in the guest rooms or in the offices of the hotel, Presence tech is activated by the slightest movement. In this way, all connected consumers such as lighting or heating are always available when they are needed.

Allwetter 44 **Busch-Watchdog 180 UP** **with combination lens**



alpine white

Outdoors, for example on the hotel terrace, around the house or in the foyer, the water protected and secured against theft Busch-Watchdog 180 UP Allwetter 44® switches on the light as and when required. If someone approaches the lighting automatically switches on. A practical and secure solution particular in the dark.



*Awarded with the design seal for disabled living

Safety in the building. In every room.



chrome/white

Busch Smoke Alarm with relay module. Also suitable for subsequent installation. It protects against fires as if smoke is detected, its alerts in due time by means of a loud acoustic signal. At the same time the triggering of a smoke detector is passed on via the relay module and reported centrally. Your guests can rest easy.



alpine white

Reflex SI Linear Infoline. Busch-Infoline® is an alarm and alarm-response system that among other things is suitable for installation in barrier-free hotel rooms with a handicapped toilet. If for example a guest needs help when in the toilet or in the bath, the signal is relayed around the building. Advantage: the switch design is suitable for the Reflex SI and Reflex SI Linear switch ranges.



alpine white

Reflex SI Linear FI-SCHUKOMAT. This socket outlet with earth leakage breaker offers protection from extremely dangerous shock current. For example in guest bathrooms, in which devices such as hair dryers and razors are used daily.



alpine white

Reflex SI Linear Busch-Protector® UP. This earth contacting socket with integrated surge arrester protects the connected consumers such as the music system in the hotel restaurant or bar from overvoltages, which can occur between the distribution board and the socket outlet insert.

Lighting that orientates you and keeps you safe.



Busch-Watchdog ProfessionalLINE 220

When your guests arrive in the underground carpark of the hotel it is immediately lit up as the Busch-Watchdog ProfessionalLINE 220 registers every movement and automatically switches on the light when approached. Thanks to this type of light switching, energy consumption is simultaneously lowered as the lighting is only switched on when needed.





Reference object: Country house Wachtelhof, Rotenburg

Innovative solutions. **Save on expenditure and costs.**

Uniting comfort for your guests and operating efficiency do not have to cost you an arm and a leg. With a well thought out electrical installation, you can reduce the installation expenditure and costs and at the same time save energy. For example, in the case of lighting and air-conditioning control in the dining-hall of your hotel.

Comfortably monitor and control such room functions as blinds and room temperature.



studio white, high gloss

**Busch-triton®
5gang control cover**

With this control cover different functions can be controlled from one location. For this reason, it is particularly suited for large rooms such as the hotel restaurant, lounges, conference rooms or the foyer. With the press of a button you can operate the blinds, regulate the heating or different light scenes in different areas of the rooms can be set and called up.

Simple solutions. Optimum benefits.



studio white



davos/studio white



alpine white





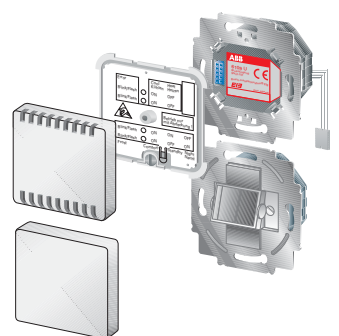
studio white



Busch-AudioWorld®
loudspeaker module



Operating mode
socket outlet



Explosion diagram
room thermostat object
range

Simple solutions. Optimum benefits.

If the chip card, which also opens the room door, is removed from the switch when leaving the room all consumers are automatically switched off. In this way, you save on unnecessary costs, if the guest forgets on one occasion to turn off the light or lower the heating.



studio white

alpha exclusive® card switch. If the guest inserts the chip card into the switch upon entering the room, consumers such as the lights are switched on and the room thermostat temperature is raised to the desired temperature. It is that easy to combine comfort and economic efficiency with each other.

The loudspeaker inserts offers the best stereo sound quality in the smallest of spaces and are available in the different Busch-Jaeger switch ranges. It is an intelligent choice, for example, in combination with light switches.



davos/studio white

solo® Busch-AudioWorld® amplifier insert. The multiroom loudspeaker system Busch-AudioWorld® consists of a central unit, control sections with an integrated amplifier and loudspeakers of different sizes. Your guests can, for example, decide whether they want to listen to the sound of the radio or the television in the bathroom.

The four side walls of the socket outlet, which give way, allow for the plug to be unplugged at an angle. Neither the socket outlet or the wall are damaged.



alpine white

Reflex SI/SI Linear socket outlet With this socket outlet you can avoid many every day tripping risks. The connector disconnects easily from the socket outlet when a cable is tugged on, for example when someone trips over it or the flex of the cleaner's vacuum cleaner is too short.

In combination with the 5gang FM binary output, conventional push switches can be integrated into the building system technology.



room thermostat object range incl. 5gang binary input Colour: davos/studio white

solo® room thermostat object range. There is a room thermostat available for use in hotels where the guests only stay for short periods that can not be operated manually or on location. The special cover of the room thermostat is available in all switch ranges.

*Awarded with the design seal for disabled living

A pleasant environment. All year round and in every weather.



solo®
Room thermostat with
2gang button sensor
Colour: davos/studio white



A pleasant environment is the prerequisite for your guest feeling comfortable at all times. In the rooms, this room thermostat ensures that the temperature remains constant. Via the two push switches arranged on the display, the lighting can, for example, be switched on or even dimmed. The blinds are similarly operated. The thermostat can control both the heating as well as the air-conditioning system. If there is no air-conditioning system present, the room thermostat can independently lower the blind when a specified temperature is exceeded. For this reason no additional sensors are needed.



ABB offers wiring accessories in various standards.



Socket Outlet with Earth pin



Busch-Nema



Euro-American Socket Outlet



Shaver Supply Unit

ABB offers wiring accessories in various standards.

British Standard: *alpha bs*[®]



20 A DP Switch



20 A DP Switch
with neon



13 A Switchsocket Outlet
with neon

