



Prevention with JUNG









Wherever a large number of people come together, there is a high risk of infection due to bacteria, viruses and other germs. Simple hygiene measures are effective in helping to reduce the risk. With antimicrobial surfaces, motion detectors and products for building control, JUNG offers professional solutions from electrical installation which effectively complement the standard hygiene measures.





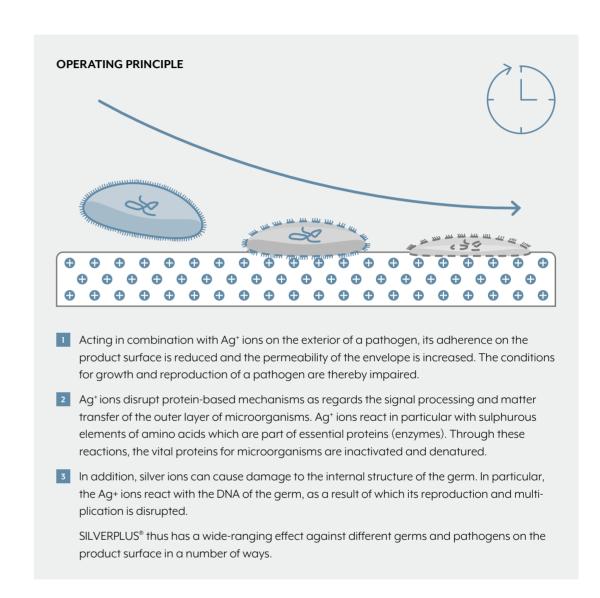
Effective defence against germs

Viruses, bacteria and fungi are most frequently transferred via the hands. As light switches in particular are frequently touched, JUNG has had special ranges for hygiene-sensitive areas for many years. Due to the pandemic, the topic of hygiene in public buildings has become increasingly important. Against this background, JUNG has further developed the area of hygiene-sensitive electrical installation. The new SILVERPLUS® surface acts on both bacteria and enveloped viruses such as coronaviruses and prevents the growth of fungi. In the production of light switches, sockets, push-buttons and further components, JUNG uses a material with added silver ions. They disrupt the necessary biochemical processes of the pathogens and thus inhibit their reproduction. The bacterial load of the surface is thus effectively reduced.

Characteristics of **SILVER**PLUS®

SILVERPLUS® is a functional surface regardless of the type, function or design of the JUNG products. SILVERPLUS® is not a paint – it does not wear off, cannot be washed out and does not deteriorate. A simulation in a laboratory found it to be effective for at least 15 years.

- has an antibacterial, antifungal and antiviral effect
- acts against bacteria (e.g. Staphylococcus aureus (MRSA) and Acinetobacter baumannii)
- reduces the bacterial load on surfaces within 24 hours by over 99.9 %
- reduces the viral load on surfaces
- effective against enveloped viruses
 (e.g. SARS-CoV-2 coronavirus)
- prevents and disrupts the growth of fungi
- continuously effective (24/7)
- is odourless
- works independently of light
- does not contain any nanoparticles

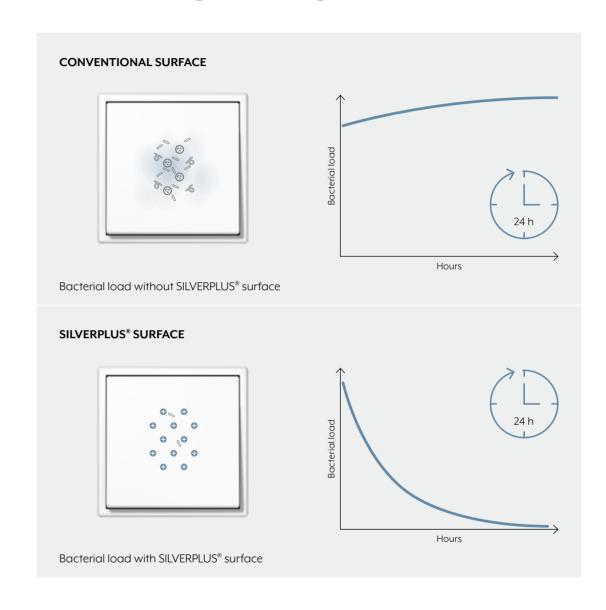


The SILVERPLUS® material technology is based on silver ions (Ag⁺). They are emitted from the SILVERPLUS® surface and counteract germs and pathogens in a different way.



The special JUNG material technology has an antimicrobial effect and significantly reduces the number of germs on surfaces.

Hygieneplus with long-lasting effect



The broad-spectrum effect of the antimicrobial material technology SILVERPLUS® includes fungi and enveloped viruses such as the SARS-CoV 2 virus in addition to bacteria. In laboratory tests with four different bacteria and fungi as well as an enveloped virus, experts from

independent testing institutes established that the antimicrobial surface proactively inhibits the growth and reproduction of the test germs and significantly reduces the number of pathogens.

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Tested technology



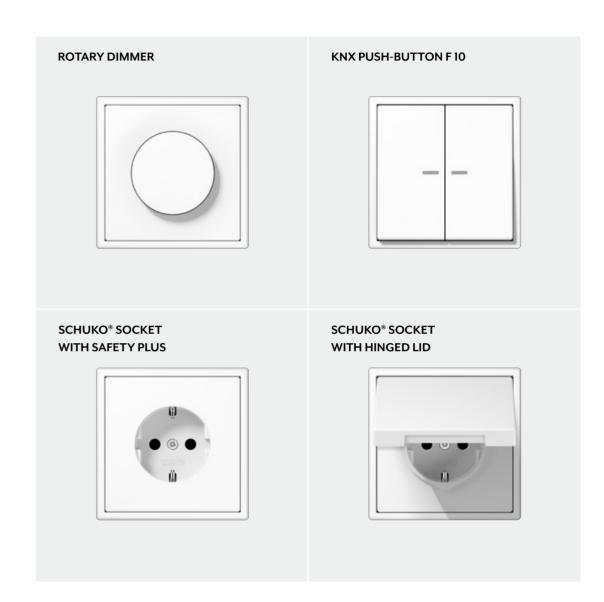
JUNG has many years of experience in the development of products with antimicrobial properties. The active antimicrobial effect of the special surface has been tested and certified by independent institutes.



SILVERPLUS®

LS 990 rocker switch in white

LS 990 with SILVERPLUS®

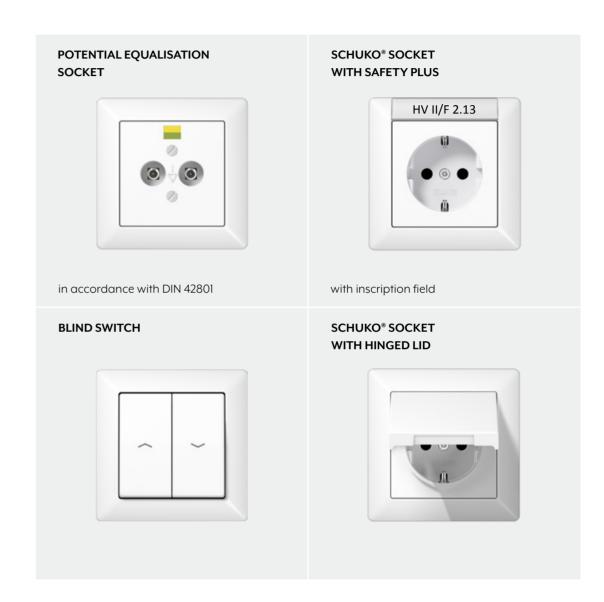


The LS 990 range captivates due to its linear design. In connection with the new SILVERPLUS® material technology, it is no longer necessary in future to dispense with high-quality design in hygiene-sensitive areas. LS 990 is of course also resistant to cleaning and disinfection. Available in white.

SILVERPLUS[®]

AS 500 rocker switch with light symbol in white

AS 500 with SILVERPLUS®



The AS 500 range offers a wide variety of universal solutions for all areas in which functionality is paramount. The devices in the AS 500 range are resistant to cleaning and disinfection. They are available in white.



Operation without hand contact

Oversize rockers which can be operated with an elbow are ideally suited for use in corridors of hospitals and care facilities. They also offer particular protection in libraries, administration buildings and wherever a large number of people spend time on a daily basis. The hands-free operation of automatic doors eliminates a significant risk of infection. The JUNG elbow-operated switches in robust stainless steel are particularly solid. Their large switch area allows fast and simple operation in passing without obstacles and primarily without contact with the hands.

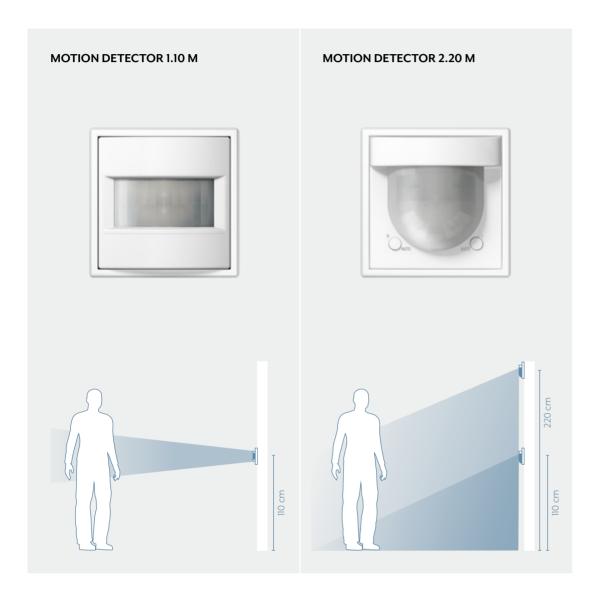


Without contact, more hygiene

Light switches in particular are touched frequently and potentially carry a high bacterial load. Alternatively, motion detectors can be installed in many areas. Particularly in much frequented areas such as corridors, stairwells and communal areas, the automatic control of functions effectively reduces the risk of infection. Motion detectors and presence detectors also offer additional hygiene, security and comfort in private living spaces.

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Demand-controlled



The 180° detection range of the JUNG motion detector is monitored by two sensors that can be used individually or together. In this way, difficult room situations such as very small rooms, WCs or stairways can also be optimally covered. Due to the fact that they are mounted at switch height, the motion detectors are optimally suited for retrofitting: existing light switches are simply replaced.



Ceiling detectors/presence detectors are particulary suited for installation in larger public buildings. Due to the secure mounting height, they are protected against misuse and property damage. Presence detectors and motion detectors are available for different systems from JUNG.



Automatic switching



Protection against infection has also gained significance in smaller offices and commercial buildings as well as in the private residential sector. The JUNG LB Management and JUNG HOME systems offer simple solutions for contact-free building control. In the commercial sector, individually programmed background lighting at defined times during the day ensures additional security.



Systematic hygiene

To reduce the risk of infection due to viruses and bacteria, the minimisation of critical contact points in public areas is highly significant. With modern building system technology, numerous functions such as lighting, shading or air conditioning can be networked together and automated. This clearly reduces the risk of transferring pathogens. Professional automation also means extra comfort, cost-effectiveness and energy efficiency in the building.

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Smart building technology

LIGHTING



Automatic, demand-controlled and secure: wherever intelligent building controls the lighting, the risk of infection through contact is reduced.

ASTRO FUNCTION



More light in the autumn and winter as well as more shadows on hot days: the technology operates functions dependent on the position of the sun – reliably and contact-free.

SHADING



The automatic control of blinds and shutters including louvre adjustment is regulated by sunlight.
The control is performed centrally or decentralised.

MULTIMEDIA



Multi-rooming in the entire building, TV and entertainment systems and multimedia components can simply be integrated in the smart home system.

ROOM CLIMATE



Demand-based control of heating, ventilation and air conditioning ensure not only the individual wellbeing temperature but also a healthy room climate.

VISUALISATION



Display and operate all the functions via touch displays. On the move as well using a smartphone or tablet. Unnecessary contact with surfaces is avoided through central control.

Lighting, shading, temperature, ventilation – with intelligent building system technology from JUNG, all the essential functions in the building can be networked and automated. Contact with switches, operating elements or door handles is reduced to a minimum. Used according to requirements and individually adaptable, the building technology helps to effectively reduce the risk of infection.

Voice command instead of switch



Activate and dim the lighting, switch devices and sockets, call up scenes, move blinds and shutters: with intelligent building control from JUNG, these functions and many others can be simply operated via voice commands and thus completely contact-free. The smart system is compatible both with Amazon Alexa and with Google Assistant/Google Home.





Progress as tradition

JUNG stands for timeless design and future-oriented solutions worldwide. Innovation, passion and precision have been guiding our product developments for more than 100 years. Light, shading, air conditioning, energy, security, door communication and multimedia – our systems provide the appropriate solution for every requirement.

With 1400 employees, 20 subsidiaries and independent sales and partner organisations in around 70 countries, we are represented on five continents. Whether private, commercial or hotel buildings: architects and planners worldwide place their trust in the innovative solutions from JUNG. Our building technology is located all over the world: from the Reichstag in Berlin to the Shangri-La Hotel in Singapore.

We consciously combine this internationalism with close ties to the headquarters of our family business in Schalksmühle. We develop and manufacture components for classic electrical installations as well as intelligent systems for building technology there and in Lünen. Assembly line production, low-volume series or volume: our modern production methods meet the highest requirements.

WE ARE JUNG:

1912

Medium-sized, third generation family company



"Made in Germany" for over 100 years



Around 1400 employees



20 subsidiaries and over 70 agencies worldwide

Further information

Are you interested in JUNG's hygiene solutions?
Further information and technical data about the individual products can be found here:



JUNG.DE

Further information about JUNG's hygiene solutions can be found on our website.



JUNG.DE/CATALOGUE

In the JUNG online catalogue, you can find all the technical information about the products, operating instructions, data sheets and much more.



JUNG.DE/DOWNLOADS

In the download section, you can find our brochures, catalogues and images to view and download.



JUNG.DE/KNX

JUNG offers a broad range of products for intelligent building control. With the JUNG KNX system, home and multimedia functions can be networked together and controlled centrally – for additional comfort and security.



Discover the variety





JUNG AR Studio is quick and easy to install. The app can be obtained from the App Store or Google Play. Simply print out the Experience Marker after the installation. Attach it to the place where the switch will be installed later. AR Studio shows you the selected JUNG product in a live image on your smartphone.





Follow the inspiration















If you are always looking for new ideas and inspiration, follow JUNG on Pinterest and Instagram. On these channels you can discover inspirational designs and fascinating technology in a high-quality presentation.











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