



Application report

## **Complex systems installed efficiently**

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**Area** Connection technology

## Installation

**Modern buildings are technically very complex and involve many trades such as heating, ventilation, air conditioning and various other areas. This sometimes leads to a very high signal density. Those who make space in the control cabinet are at an advantage and are prepared for expansions or adjustments.**

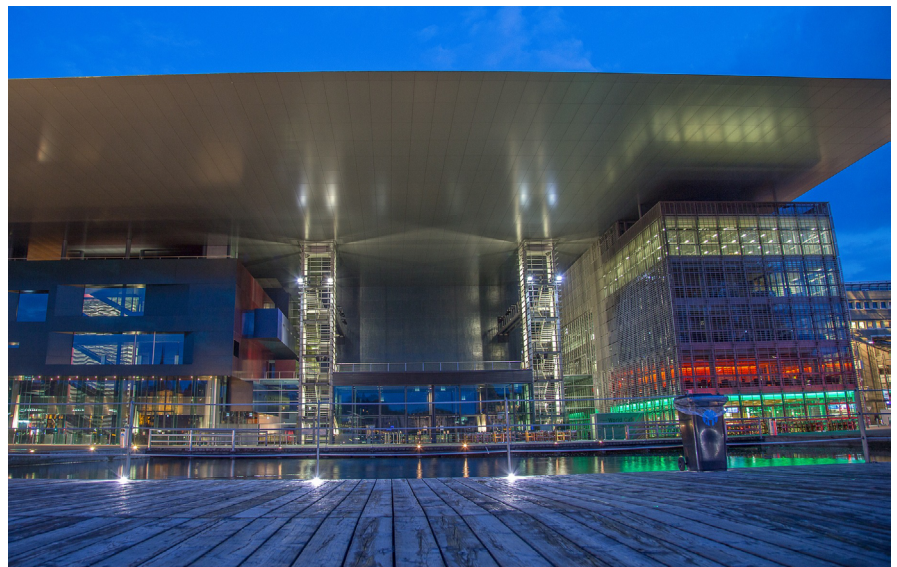
Every building automation concept, no matter how innovative and complex, ultimately remains virtual unless it is supported by actuators. This is where ComatReleco's new relay socket family comes into play, with push-in spring clamp technology for the quick connection of electrical conductors.

### **Compact, practical, unique**

The novel design allows maximum conductor cross-sections with minimum space requirements. The push-in junction box allows two independent conductor connections per pole. Not only is this important for safety, it is also user-friendly. Wires and crimped strands can be connected without tools. With ComatReleco, the assembly density in the control cabinet is massively increased and the resulting reserve space can be used more extensively.



*The push-in relay socket family requires minimal space.*



*Complex building services ensure the smooth operation of modern buildings. With the new relay bases from ComatReleco, complex installations can be managed efficiently.*

### **Push-in spring clamp technology**

The relay sockets are wired using push-in spring clamp technology. The wires are simply inserted into the appropriate junction box and held securely by means of a spring-loaded terminal. With the OT-Pi tool, individual - or even several - conductors can be effortlessly undone again at once if changes in the wiring become necessary. Commercially available actuation tools can of course also be used.

### **Clear**

Despite the compactness of the relay sockets, sufficient space remains for clear and concise labelling. The relay sockets can be labelled with conventional identification labels or individually with up to three lines using labelling strips. The labelling strips snap into a groove. The necessary printer is usually already in the possession of the switchgear manufacturer.

### **Save time with A2 wiring**

Relay sockets for different relay types can be mounted quickly and without tools in any desired combination on TS35 mounting rails from any supplier using a click mechanism. The bridge A2 is used to connect the neutral conductors of the sockets. It does not matter which types of socket from this product family are mounted next to each other. This bridge A2 plays a key role in quick and safe wiring.

### **Solve complex tasks easily**

Thanks to the simplicity of the wiring, clarity in the control cabinet and the compact arrangement, even the most complex systems can be installed economically and efficiently with the new relay sockets from ComatReleco.