EDITORIAL

Dear Reader,

ComatReleco celebrated its 50th anniversary in 2020 at our historic site in Worb at the height of the pandemic. Today, we are proud to announce that, in order to meet the current and future challenges, we are constructing a new building in the municipality of Düdingen/Guin (Canton of Fribourg). ComatReleco will move its entire operations to the new company site in Düdingen in the second quarter of 2023. The new location will offer a modern logistics area in order to be able to handle the entire incoming goods, storage and shipping as optimally as possible and to be able to respond even better to your delivery time requirements. The area for new product development is doubled and includes laboratories for all types of product testing. Employees will have access to modern workstations and creative discussion zones. There will also be an area for customer training. In terms of energy consumption, the building is designed according to the Minergie-P standard. The building is heated with geothermal probes and equipped with solar panels. We are thinking about future generations.

Geographically, the site is located on the Fribourg-Bern axis, at the intersection between German-speaking and French-speaking Switzerland and not too far from the Worb site. We intend to relocate all of our employees to the new site and offer an attractive geographical location for employees from both sides of the Saane. Being just a minute from the motorway exit and a 10-minute walk from the train station also makes access much easier for visitors, and we look forward to welcoming you to our new premises.

Today's world is full of uncertainty. Nevertheless, we must look ahead and continue to grow our business, as both you and we did during the pandemic. Having a workplace where you can develop, share, evolve and have the satisfaction of a job well done will help us to innovate and prepare for the future.

I hope you enjoy reading this edition!

Alexandre El Soda, CEO

CONNECTION TECHNOLOGY - COMPLEX SYSTEMS INSTALLED EFFICIENTLY

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.
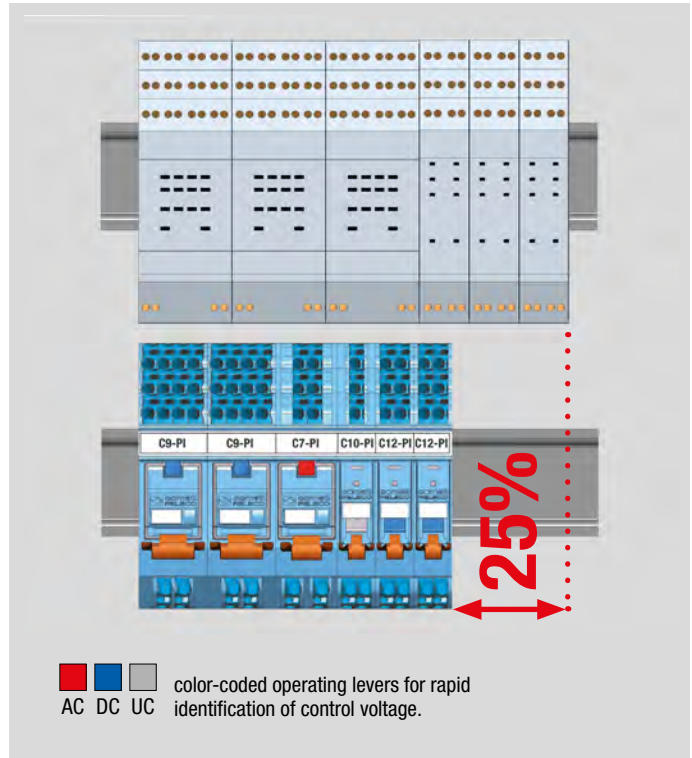
Push-in spring clamp technology

The relay sockets are wired using push-in spring 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

AC DC UC color-coded operating levers for rapid identification of control voltage.

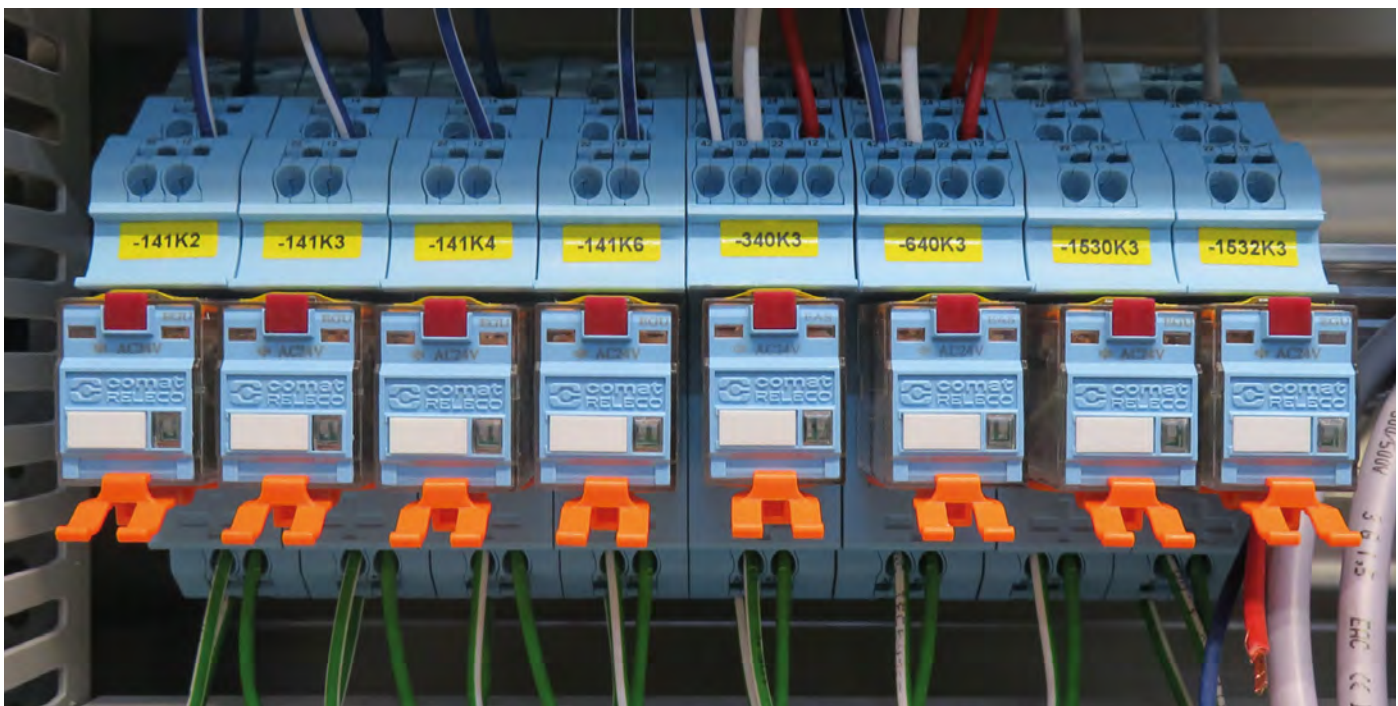*The push-in relay socket family requires minimal space.*

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.

Bridge A2

Solve complex tasks easily

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

CMS-10R - MESSAGING SYSTEM WITH NEW FUNCTIONS

The CMS-10R messaging system with IoT portal handles remote monitoring and switching with ease. You can keep track of the monitored devices and systems and manage the software centrally.

CMS-10R messaging system

Incidents in industrial and building technology often require immediate corrective action. The CMS-10R messaging system monitors the operation of decentralized plants and devices and alerts specific recipients when defined limits are exceeded or not reached. The response time is shortened and damage is prevented.

The IoT portal – the command center with new functions

The IoT portal is the interface between humans and technology. System notifications and messages for all monitoring points are recorded and stored here.

With the new *Event logging* function, system messages can be evaluated even more easily. For each device, all messages are listed in a table with a time stamp. The collected data can be filtered and evaluated according to certain criteria and exported in CSV format for further processing in other systems.

The logs from several devices can be merged in this way and displayed and compared on a single overview. This function is new and, following a software update, is now available to all IoT portal users for all paired devices - even for devices that have already been installed!

Notifications are triggered via the IoT portal when deviations from target operation occur. At present, messages are sent via push email or text message. Starting in May 2022, *voice messaging* will be selectable as a new additional option for immediate notification in the event of an incident. This is suitable wherever plants are monitored day and night and notifications need to be heard and acknowledged. If a scenario is triggered by an incident, the device calls the target number and a voice generator reads out the agreed message. All available portal languages are supported, currently German, French, Italian, Spanish, Swedish, English and Portuguese.

Also starting in May 2022, *pager technology* will be integrated into the IoT portal. This application is ideal for technical personnel involved in building maintenance (of hospitals, production plants, etc.) or in the municipal sector (fire department, works yard, water supply, etc.) because the existing alarm technology can be used for additional monitoring tasks.

All extensions are fully integrated into the existing systems and are available for each CMS-10R device after a software update. Updates can be conveniently performed from the IoT portal at the click of a mouse, wherever and whenever you want.
Users of the IoT portal benefit from ongoing and future updates at no additional cost, preserving the value of their investment.

The IoT portal – operation now even more intuitive

The interface for controlling the IoT portal has been updated and is more user-friendly and intuitive. Devices and functions can be easily assembled and visually displayed so that configurations can be identified at a glance. Complex connections are clearly presented.

The IoT portal – your on-site support

The IoT portal not only keeps all data for the connected devices available, it also supports the user with further information such as video tutorials, application documentation and a database with the most frequently asked questions and answers.

If the available information is not sufficient, ComatReleco technical support can be contacted directly.
For more information on the CMS-10R devices, the IoT portal, and the rest of our product line, visit www.comatreleco.com

PUSH-IN RELAY SOCKET FAMILY - EXTENSION SETS

ComatReleco's push-in relay sockets are now also available as SETs with selected industrial relays. This simplifies procurement and warehousing. The sets are based on the signal and power relays that are established in the market and used by the majority. They not only save you time during assembly and wiring, but also when mounting the components in the control cabinet.

Compact.Practical.Unique!
This is just what the SETs are too: they combine the unique advantages of the ComatReleco push-in socket family with the outstanding features of ComatReleco industrial relays.

NEW
AVAILABLE AS SET
from 1.8.2022

Push-in Industrial Relay Sets	
C7-A20DX/DC24V+S7-PI SET consisting of relay C7-A20DX/DC24V and Push-in socket S7-PI	**C9-A41DX/DC24V+S9-PI** SET consisting of relay C9-A41DX/DC24V and Push-in socket S9-PI
C7-A20X/AC230V+S7-PI SET consisting of relay C7-A20X/AC230V and Push-in socket S7-PI	**C9-A41X/AC230V+S9-PI** SET consisting of relay C9-A41X/AC230V and Push-in socket S9-PI
C10-A10X/DC24V+S10-PI SET consisting of relay C10-A10X/DC24V and Push-in socket S10-PI	**C12-A21X/DC24V+S12-PI** SET consisting of relay C12-A21X/DC24V and Push-in socket S12-PI
C10-A10X/AC230V+S10-PI SET consisting of relay C10-A10X/AC230V and Push-in socket S10-PI	**C12-A21X/AC230V+S12-PI** SET consisting of relay C12-A21X/AC230V and Push-in socket S12-PI

Accessories	
Sxx-BBPI (BAG 20 PCS)	Bridge A2
Sxx-BBPI1 (BAG 20 PCS)	2-pole potential bridge bar
Sxx-BBPI4 (BAG 20 PCS)	4-pole potential bridge bar
OT-PI kit	Tool kit
BS11-PI (50m tape)	50m marking strip

Potential bridge bars

Bridge A2

Tool kit

Marking strip

UPCOMING TRADE FAIRS – VISITING COMATRELCO

all about automation
31.08 – 01.09.2022 | Zurich

InnoTrans
20 – 23.09.2022 | Berlin

ElettroESPO ESPO CENTRO BELLINZONA
19 - 20.10.2022 | Bellinzona

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