Lucas Nülle is proudly and exclusively
represented in Australia and New Zealand by

Training Systems Australia
First in Vocational Training Equipment
A Division of Pullman Learning Group

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LUCAS-NÜLLE

BOXES

Simple – Modular – Practical

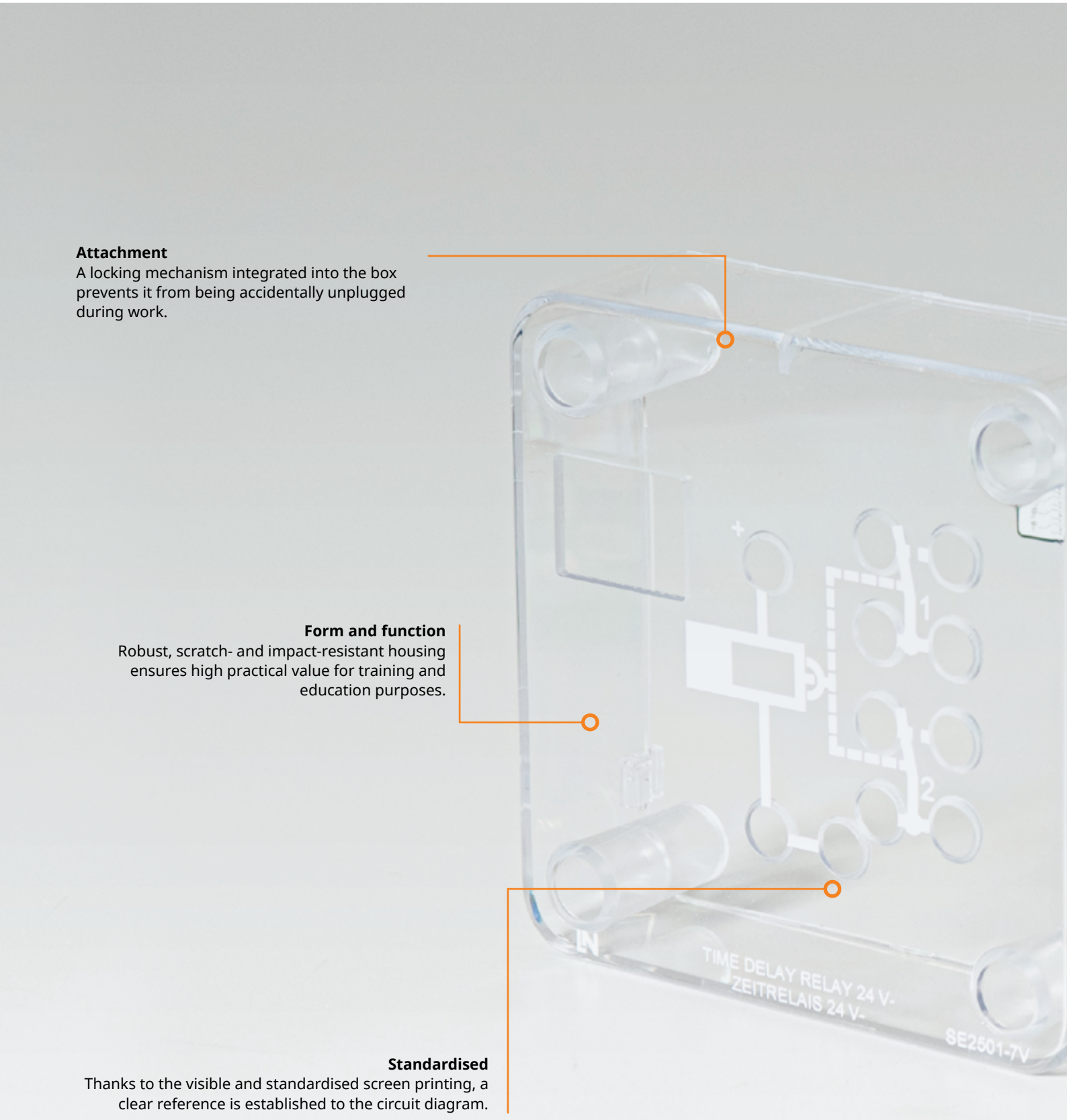
1st Edition

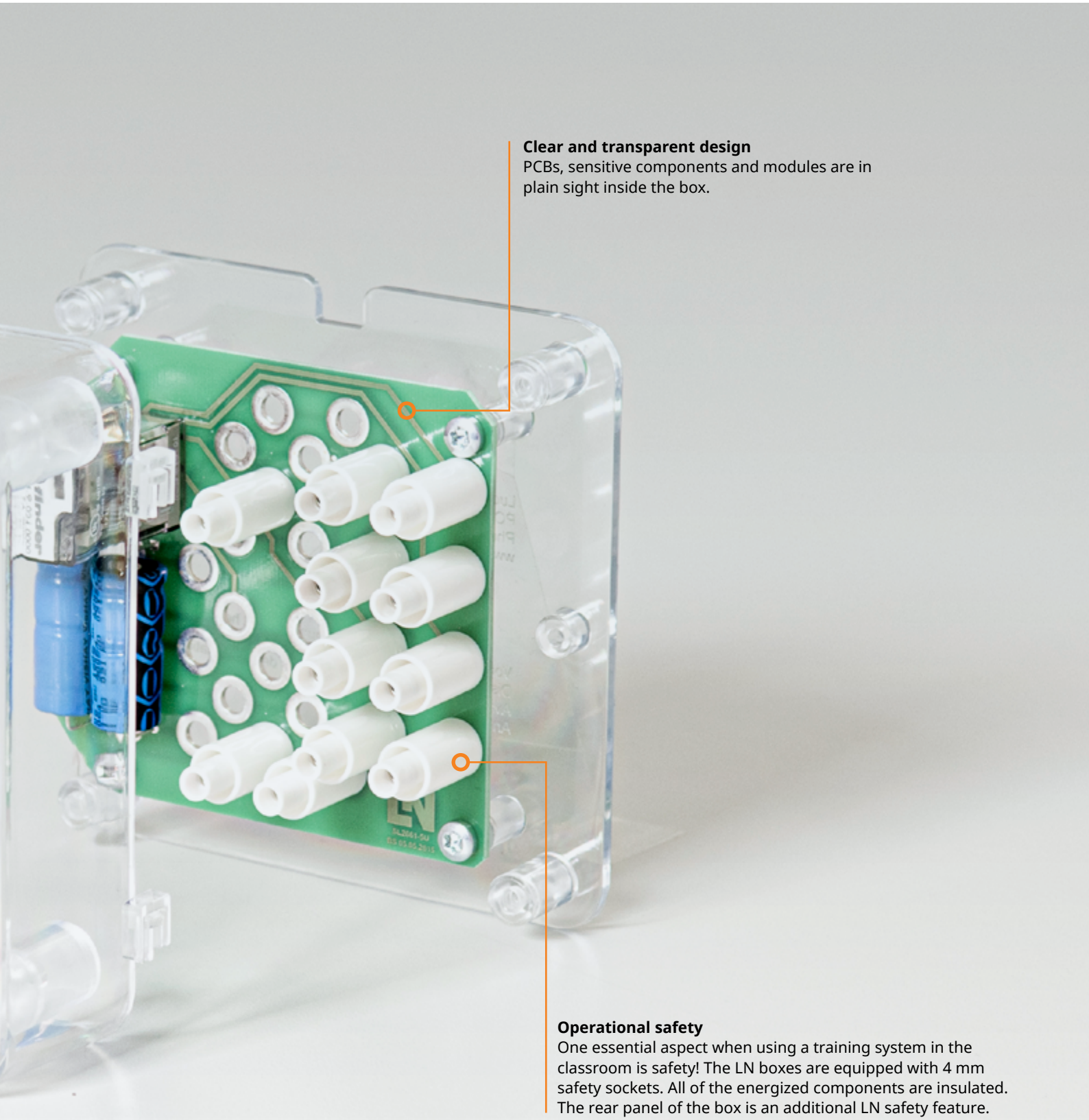
BOXES – A SYSTEM WITH CLARITY

Attachment
A locking mechanism integrated into the box prevents it from being accidentally unplugged during work.

Form and function
Robust, scratch- and impact-resistant housing ensures high practical value for training and education purposes.

Standardised
Thanks to the visible and standardised screen printing, a clear reference is established to the circuit diagram.



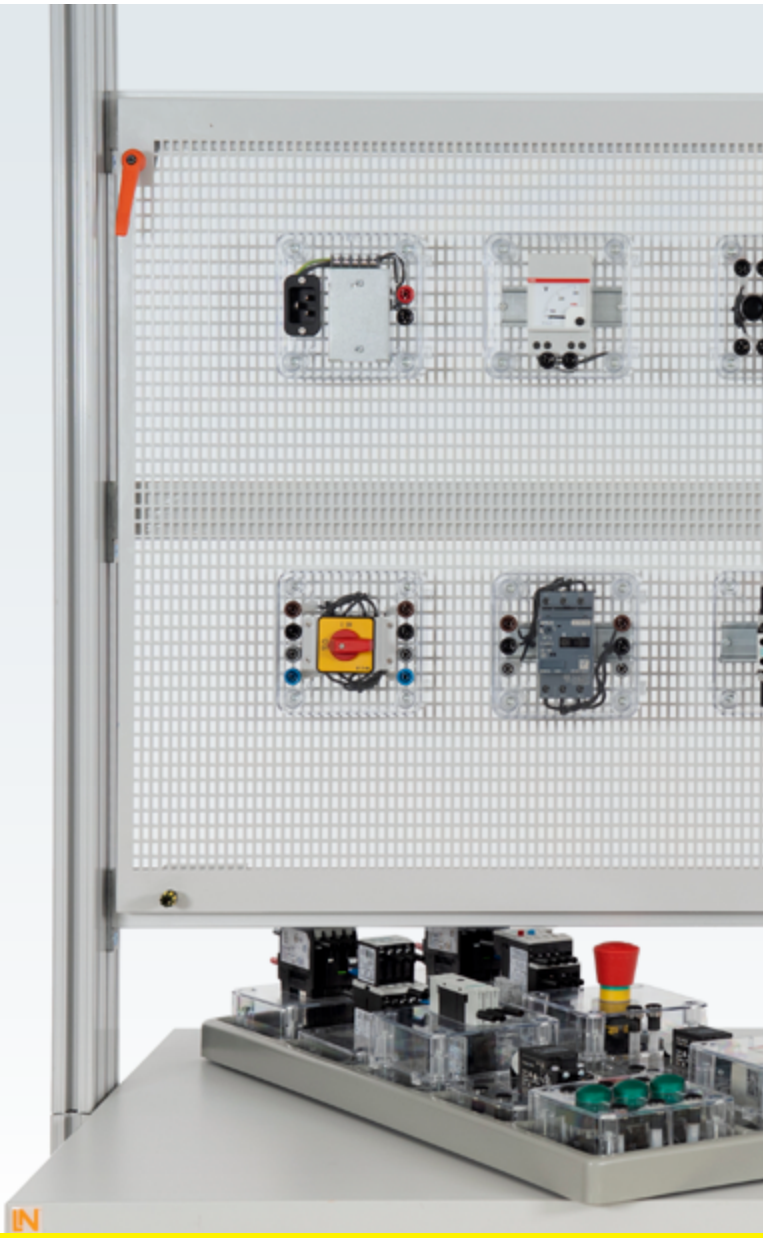


Clear and transparent design
PCBs, sensitive components and modules are in plain sight inside the box.

Operational safety
One essential aspect when using a training system in the classroom is safety! The LN boxes are equipped with 4 mm safety sockets. All of the energized components are insulated. The rear panel of the box is an additional LN safety feature.

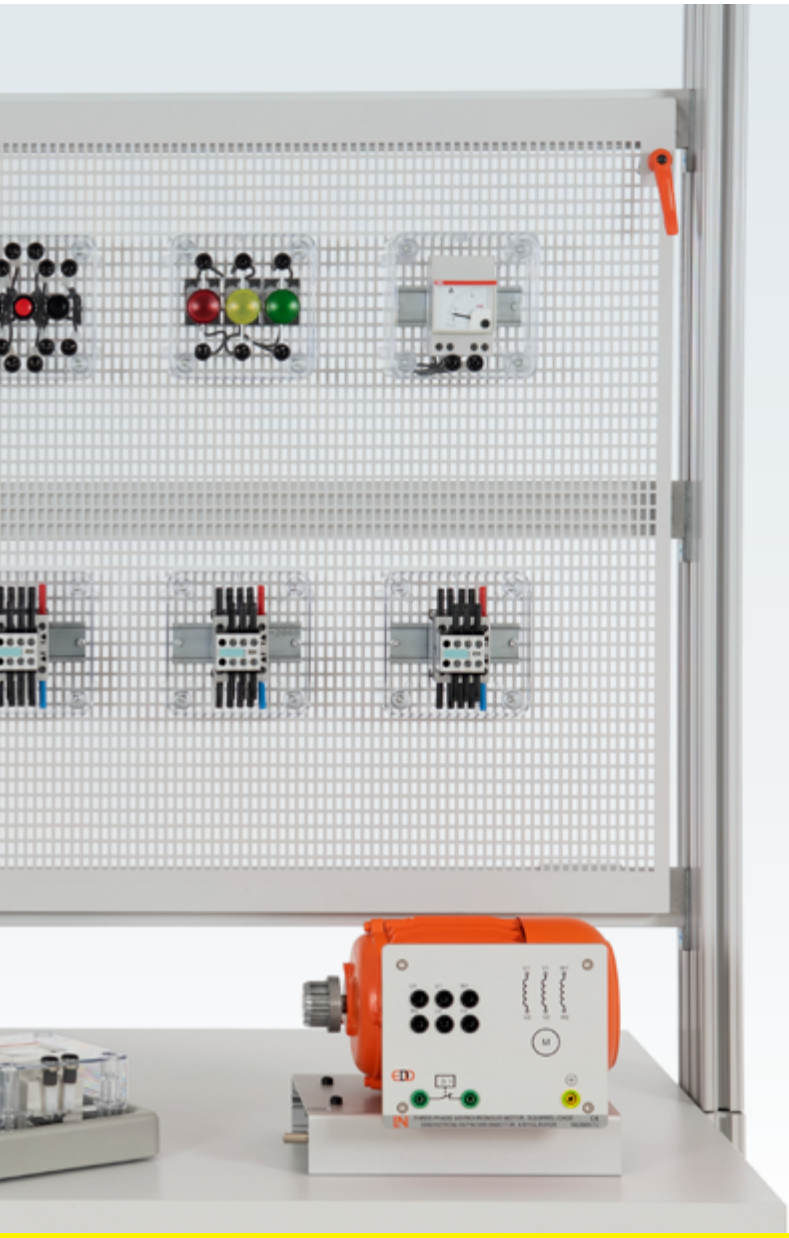
WELL-STRUCTURED AND HANDS-ON EXPERIMENTING

Hands-on practical experimenting
The modularity permits a real, standardised, structured configuration and wiring of the components.



Handling
The boxes are quick and easy to handle, which reduces set-up times and increases ease of use.

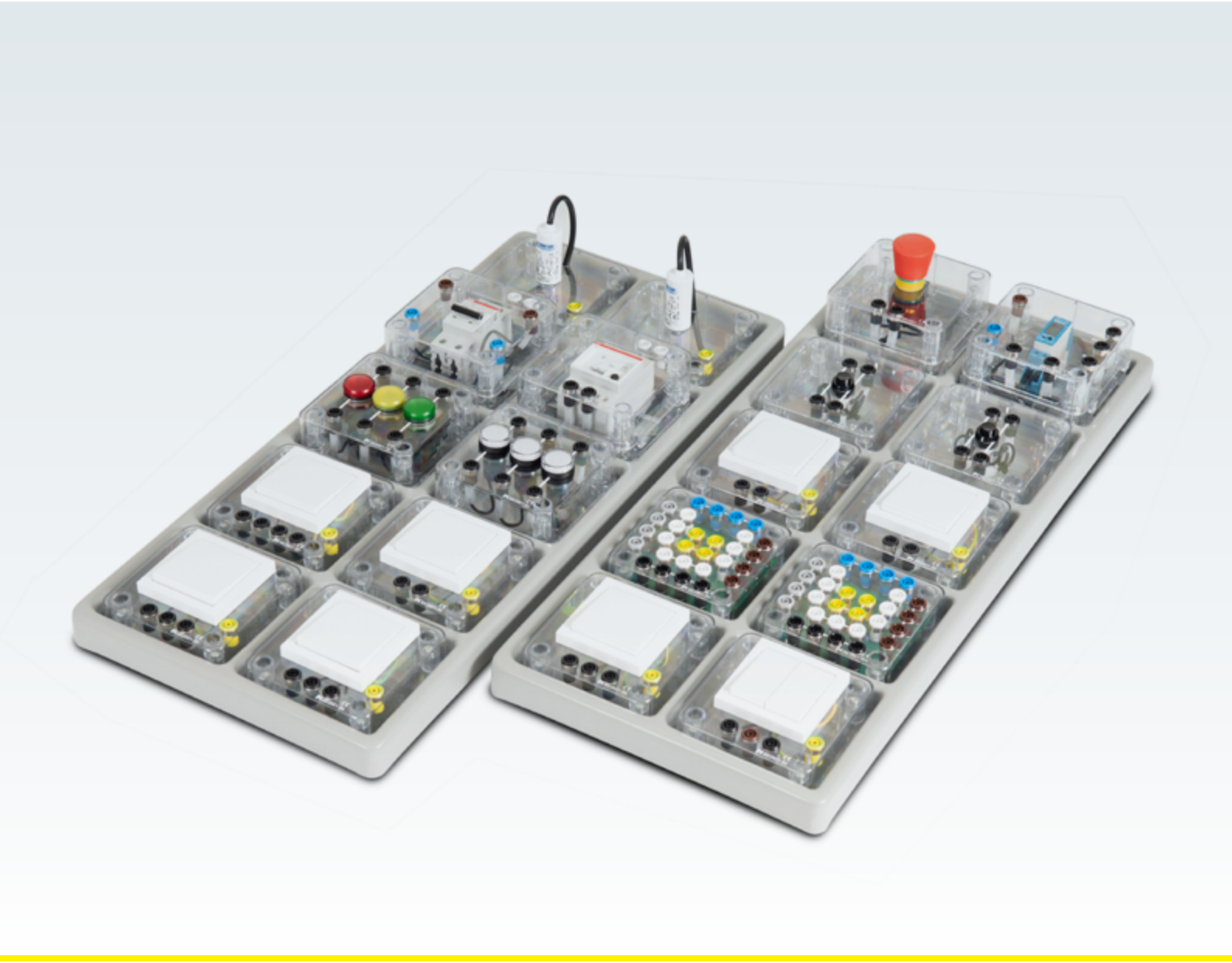
Storage
Storage is carried out in specially designed plastic trays. These trays fit into all the lower cabinets of the LN furniture program.



Good reasons for boxes

- Simple and safe handling
- High degree of operational safety
- Modular system design permits the system to be easily expanded
- Discretionary arrangement and design of experiment set-ups
- Suitable specifically for active skill-building instruction (project work)
- Long service life
- Compatible with all LN training systems
- Extensive accessories
- Easy-to-understand reading material and documentation
- Typical measurement tools used in practice

BUILDING AND WIRING INSTALLATION



Electrical wiring installation
This training course covers everything from the basic circuitry to the complex systems necessary for conventional building and wiring installation. The manual features graphic descriptions of the theory to guide students through a host of practical experiments.

Training contents
- Basic circuitry used in wiring and installation
- Fluorescent lamp circuits
- Dimmer circuits
- Building intercom systems

INDUSTRIAL BUILDING AND WIRING INSTALLATION TECHNOLOGY

Industrial wiring installation
The training course imparts conventional open-loop control technology. It focuses on the development and design of a control unit. The control unit is then tested with a concluding function check. The manual features graphic descriptions of the theory to guide students through a host of practical experiments.

Training contents
- Designing circuit diagrams
- Motor protection relay
- Contactor circuits (self-holding, overload, time delay relay)
- Impulse contactor circuit
- Reversing contactor control circuit
- Limiting control circuit
- Star-delta circuit

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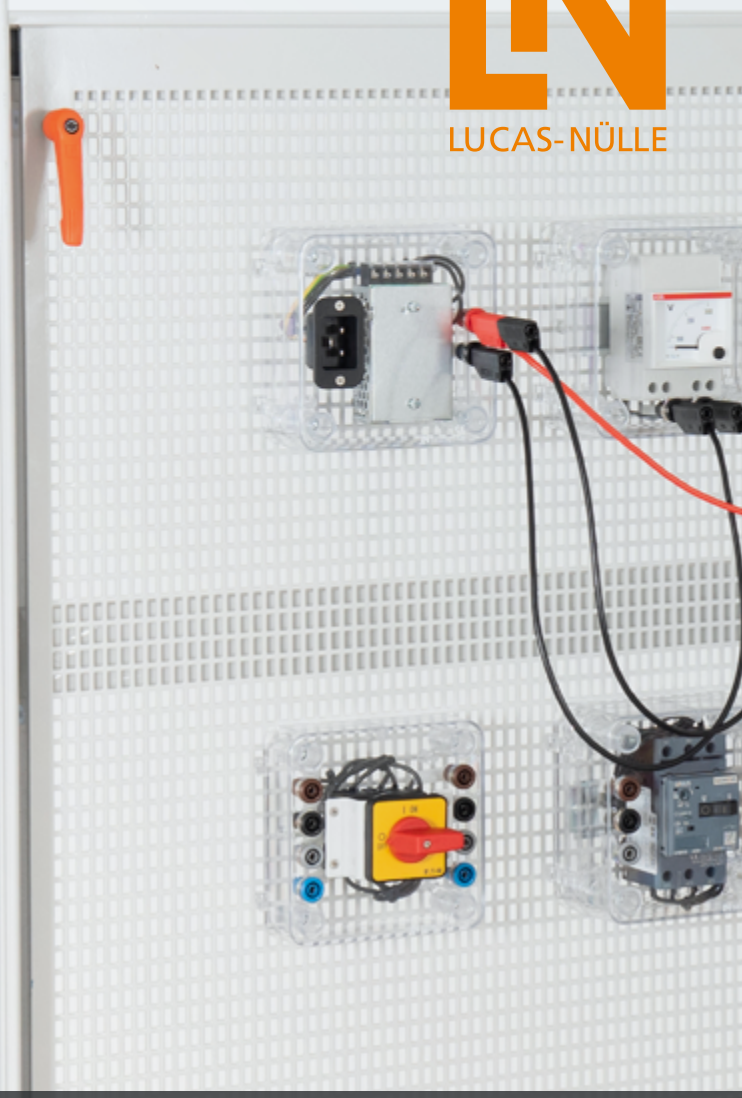

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