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We automate the panel building.

► Panel Scout – Automatic test control system for enclosures



MACHINING

ASSEMBLY

WIRING

HANDLING

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Panel Scout – Automatic test control system for enclosures

Focus:

The Panel Scout was developed specifically for testing enclosures. This automated test control system allows you to quickly and reliably test enclosures for correct functioning, with documentation to the relevant regulations and standards.

Machining operations:

Wiring checks, spot measurements, activation of electronic and electromechanical components (functional checks).

Flexibility:

The Panel Scout test control system can be linked to most standard controlgear currently available on the market and communicate via OPC link. Controlgear without bus system (e.g. relay controller) or cable connections can also be fully tested.

Article number: 4050.700

Hardware

Basic configuration:

- 72 connections (floating, wear-free solid state relays up to 40 V DC/AC, 2 A)
- 288 test points (0 V; 24 V or potential measurement 24 V logic)
- Connection of test piece via connector or terminal connections and/or via standard bus systems
- Neat supply of test cables, thanks to the adaptor carriage
- No tangled cables, and adaptation times are dramatically reduced

Option of adapting to individual requirements:

- Floating connections with non-solid-state relays for higher voltages/currents
- Test points with alternative voltages and/or potential measurements
- Number of connections and test points may be freely extended

Software

PSEdit: Creation of test sequences

- The intuitive, supporting software PSEdit allows test sequences to be quickly and easily recorded by hand using the wiring diagram. The number of measurement and connection points is limited only by the hardware configuration of the Panel Scout.

PSExec: Execution of test sequences

- The PSExec software guides the tester through the generated test sequences. The integral log function allows the recording of required items in the test sequence. The software and log function are available in both German and English.

Result:

- Test time savings of up to 60%
- Repetitive test procedure guarantees quality assurance
- Testing of different enclosure types
- Order-specific test records for quality documentation (optional)
- Error statistics/error evaluation

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