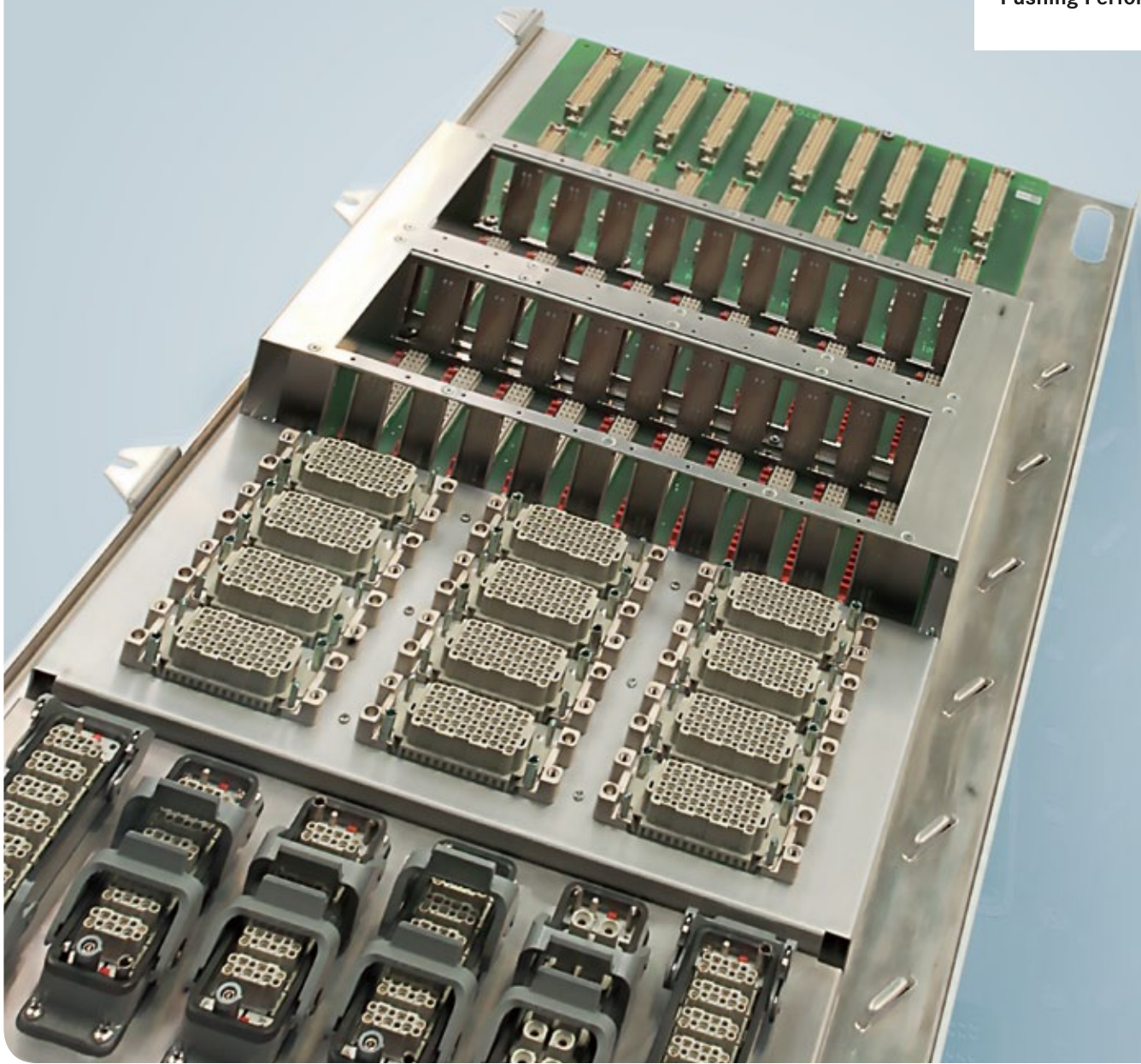




Pushing Performance



HARTING HanOnBoard®

Compact. Reliable. Efficient.

Remove wiring from your system.

With reliable and repeatable PCB technology.

HARTING has a long tradition in supplying the range of Han® connectors into multiple markets around the world. With the use of adaptors, these connectors can be mounted onto a printed circuit board (PCB). These adaptors are soldered into the PCB and in turn, the Han® connector is attached, giving a repeatable, reliable solution which can reduce and often completely remove wiring from the system.

HARTING Technology Group, specialises in PCB based solutions, from high-speed backplanes through to box-build products. We work with our customers to re-design and create new products using the Han® on the PCB principles.



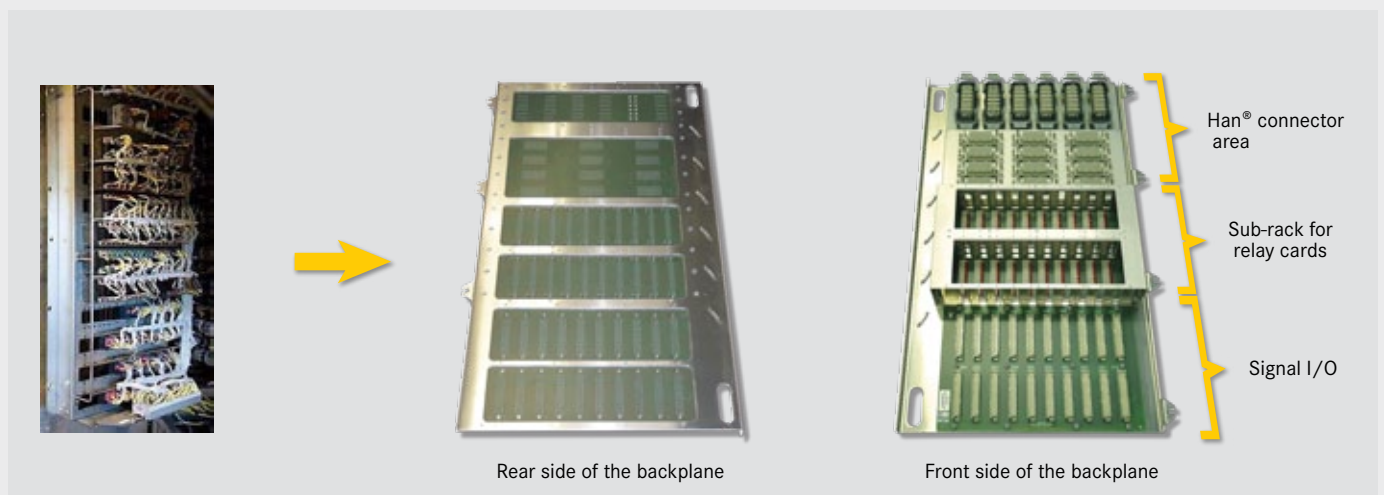
Successful applications:

Transportation

1 Relay panel for on-board railway

Benefits

- One PCB, almost 1 metre long, 26 layers, combining signal cable connections, an integrated sub-rack for plug-in relay cards and Han® connectors for higher current.
- Reduce installation time into the train tremendously.
- Increase reliability.
- Reduce weight and space.



HARTING Integrated Solutions.

Expertise in finding solutions.

Power generation & distribution

2 Small I/O unit

Benefits

- Change internal wiring to PCB mounted.
- Remove all the wires from the component.
- Create a neater, more compact product and save space in the installation.

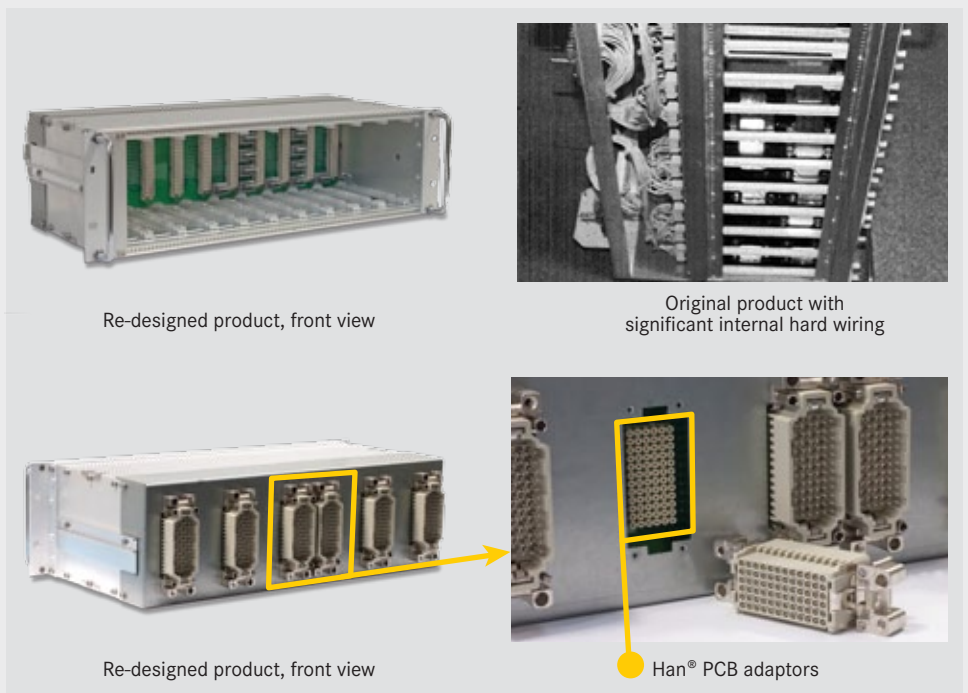


Transportation

3 Relay control rack

Benefits

- 3U sub-rack with individually mounted DIN 41 612 type F connectors to receive the plug-in cards and rack-mounted I/O connectors on the rear of the rack.
- Re-designed to mount the type F connectors onto a backplane with the I/O connectors changed to HARTING's Han® and mounted directly on the rear of the backplane.
- Again remove all the previous wiring.



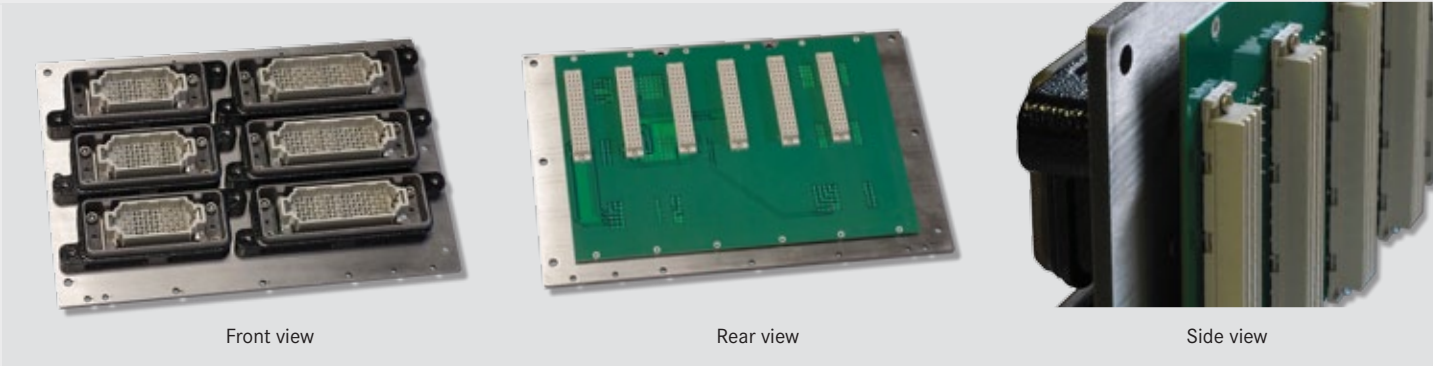
Your challenge. Our Solution.

More convincing applications:

- All use HARTING Han® connectors on the PCB.
- Reduce or completely remove the internal wiring in the product.

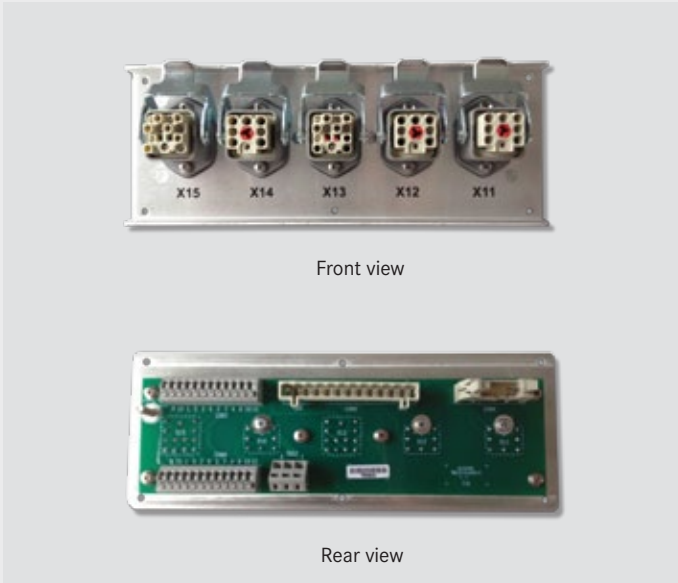
Machinery

4 Special machinery



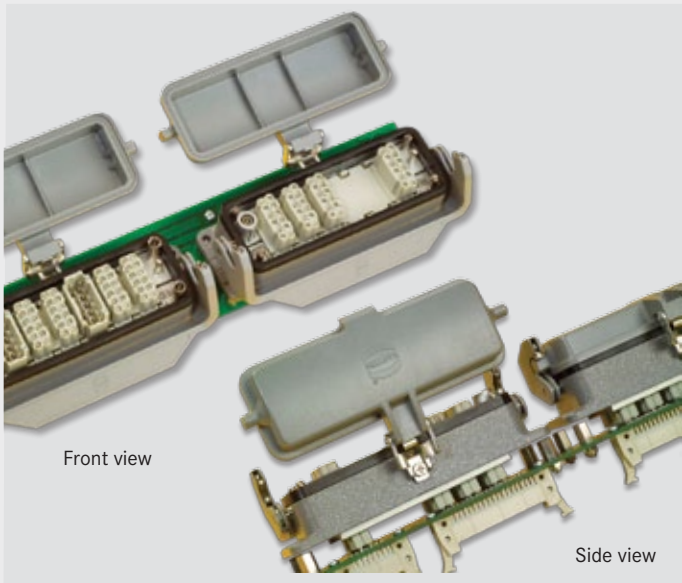
Transportation

5 Services distribution panel



Automotive

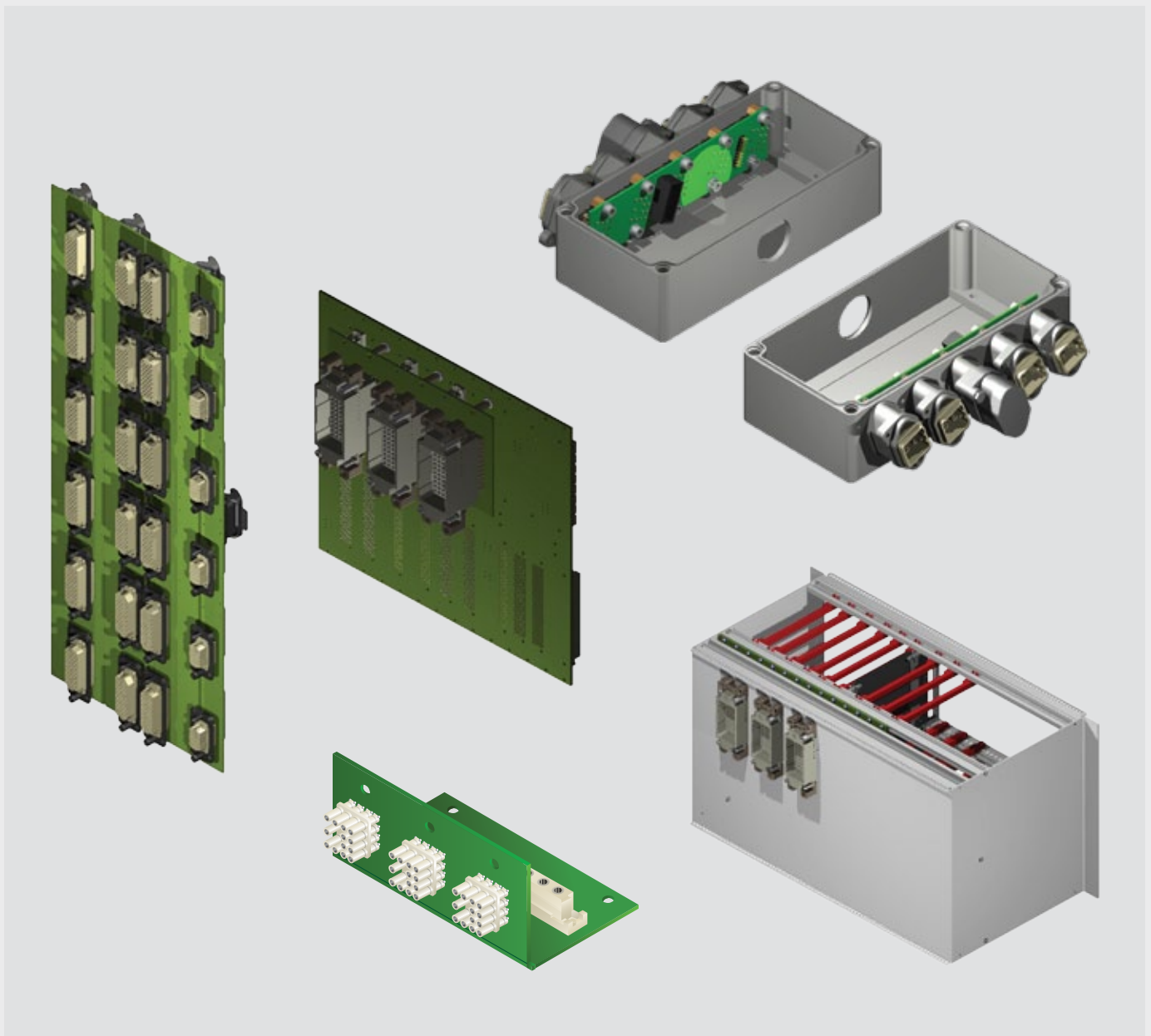
6 Engine testings



Comprehensive engineering expertise - worldwide.

Cost-saving design:

- HARTING Integrated Solutions Design and Engineering team carries out PCB and mechanical design.
- Concept designs are shown by 3D modelling.
- Designs are developed in conjunction with the customer, to ensure the best result for the product as well as achieving best practice for manufacturability.





Pushing Performance

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