



Pushing Performance

PEOPLE. POWER. PARTNERSHIP.

# HARTING Han<sup>®</sup> HPR HPTC

## High performance transformer connectors

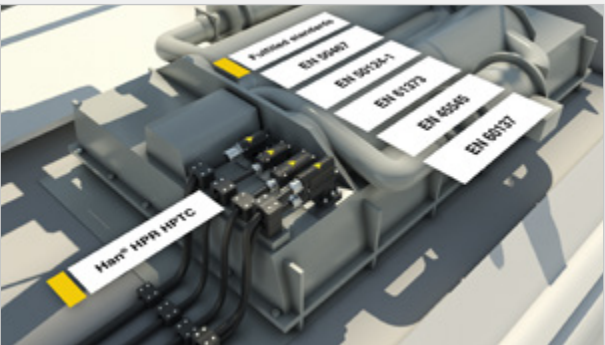
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Especially developed for railway applications in accordance to EN 50467 & EN 60137 ensuring safe and reliable interfaces

# High performance transformer connectors

## Especially developed for railway applications

HARTING Han® HPR stands for „High Pressure Railway“. With its new transformer connector series HARTING offers a system especially made for harsh environments according to all relevant railway standards. Customers can benefit from a longer lifetime based on the well known HPR standard.



The new Han® HPR HPTC series fulfills all relevant railway standards (EN 50467, EN 50124-1, EN 61373, EN 45545, EN 60137)

## Mechanical robustness and shielding

Transformer connections are exposed to environmental influences including mechanical impacts, water, oil, direct sunlight and ozone, all of which can negatively influence the lifetime of the connections. The new Han® HPR HPTC series was specially developed for railway transformer applications.

The housing is metallically contacting on all sides, i.e. the cover and underside are connected over the entire contact surface. This feature is unique, as there is no other transformer connector that has been specially designed for shielded connections.

## No shrinking or taping necessary

The Han® HPR HPTC also simplifies installation. No shrinking or taping is required to set up transformer connections and the interfaces are quick to prepare: Crimp the contacts, insert the insulating body with shielding into the housing, close the cover - and the cable side is ready.

## Minimum inventory needed due to coding system

Numerous encoding options are available. Two coding elements in the mounted housing open up 16 different combination possibilities. One connector type is therefore sufficient for the transformer connection, everything else can be controlled via coding. This significantly reduces the inventory needed and helps to reduce costs.



## Your benefits at a glance:

- **Longer lifetime** due to Han® HPR standard metal hoods and housings for harsh environments
- **Time savings** due to easy installation and shielding without shrinking or taping
- **Cost savings** due to minimum inventory needed based on efficient coding system
- **Secure solution** according to relevant railway standards (EN 50467, EN 50124-1, EN 61373, EN 45545, EN 60137)
- **Shock and vibration proofed** system (Cat. 1B)

Learn more:  
[www.HARTING.com/hptc](http://www.HARTING.com/hptc)





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