

A man wearing a white hard hat with a clear face shield, a high-visibility yellow and grey safety vest over a long-sleeved shirt, and black gloves is working on a black electric vehicle charging station. The station has a control panel with several icons and a red warning label. The background shows a blurred outdoor setting with trees and a building.

DEHN

Protect your employees

Occupational safety during maintenance and repair work on the charging infrastructure (according to EN 50110-1)

Personal safety always has top priority

With the growing expansion of AC and DC charging infrastructures, the need for maintenance and repair work is also increasing. In this context, the safety of installers has top priority.

Occupational safety during work on electrical systems

Work on and in electrical systems, e.g. charging posts, can be life-threatening. So, it is important to observe the 5 safety rules of the EN 50110-1 standard series.

Tested products help you to apply the 5 safety rules and protect your employees from electric and arc fault accidents.

The checklist for safe work on charging posts provides information about the various products available for your application. With high-quality products from DEHN you can provide the right equipment.

Light baggage, lasting effect

Use the DEHN e-mobility rucksack and have all essential safety equipment ready to hand.

**Order your individual „safety kit“
for working on charging posts now!**


(your personal contact can be found on the back)

**Remember your
protective equipment
and the 5 safety rules!**




Checklist for safe work on charging posts

Wear personal protective equipment


| | | |
|--|-----------------------------|------------------|
|  | Helmet | Part No. 785 706 |
| | Visor | Part No. 785 722 |
| | Jacket Outdoor (size 52) | Part No. 785 353 |
| | Trousers Outdoor (size 52) | Part No. 785 363 |
| | Gloves (size 10) | Part No. 785 833 |
| | Insulating gloves (size 10) | Part No. 785 486 |
| | Bag | Part No. 785 442 |

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1 Disconnect completely

| | | |
|---|----------------|---|
|  | NH fuse handle | Part No. 785 645 |
| | | de.hn/en/a/785645 |

2 Secure against re-connection


| | | |
|--|-----------------------|------------------|
|  | Lock-out system 3 MW | Part No. 785 637 |
| | Insulating blade NH00 | Part No. 785 641 |

de.hn/en/a/785642


3 Verify that the installation is dead

| | | |
|--|------------------------------|---|
|  | Voltage detector 50...1000 V | Part No. 766 665 |
| | | de.hn/en/a/766665 |

4 Carry out earthing and short-circuiting

| | | |
|---|-------------|---|
|  | Case SET NS | Part No. 745 500 |
| | | de.hn/en/a/745500 |

5 Provide protection against adjacent live parts

| | | |
|--|----------------------------|---|
|  | Plastic insulating blanket | Part No. 785 472 |
| | | de.hn/en/a/785465 |

Note: Observe daily visual inspection and inspection intervals.
Exemplary product combination



Order your individual „safety kit“ for working on charging posts now!

Contact us for more information!

International customer service:

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