

nVent Solutions for Electric Vehicle (EV) Charging Stations and Power Infrastructure



TRUSTED PARTNER IN E-MOBILITY

nVent provides innovative power connection and protection solutions for electric vehicle (EV) charging stations, specialized vehicle batteries and systems, and power infrastructure. These solutions increase design flexibility and maximize safety and reliability while lowering the overall cost of implementation within a range of electric mobility applications, including fast charging stations, specialized EV applications and electric trains.



Design Flexibility

Design a more compact panel with nVent ERIFLEX flexible, lightweight and low-profile connectors.



Time and Labor Savings

Our custom, easy-to-shape connection solutions reduce labor costs in design and installation, improve utilization and reduce total cost of ownership.



Safety and Reliability

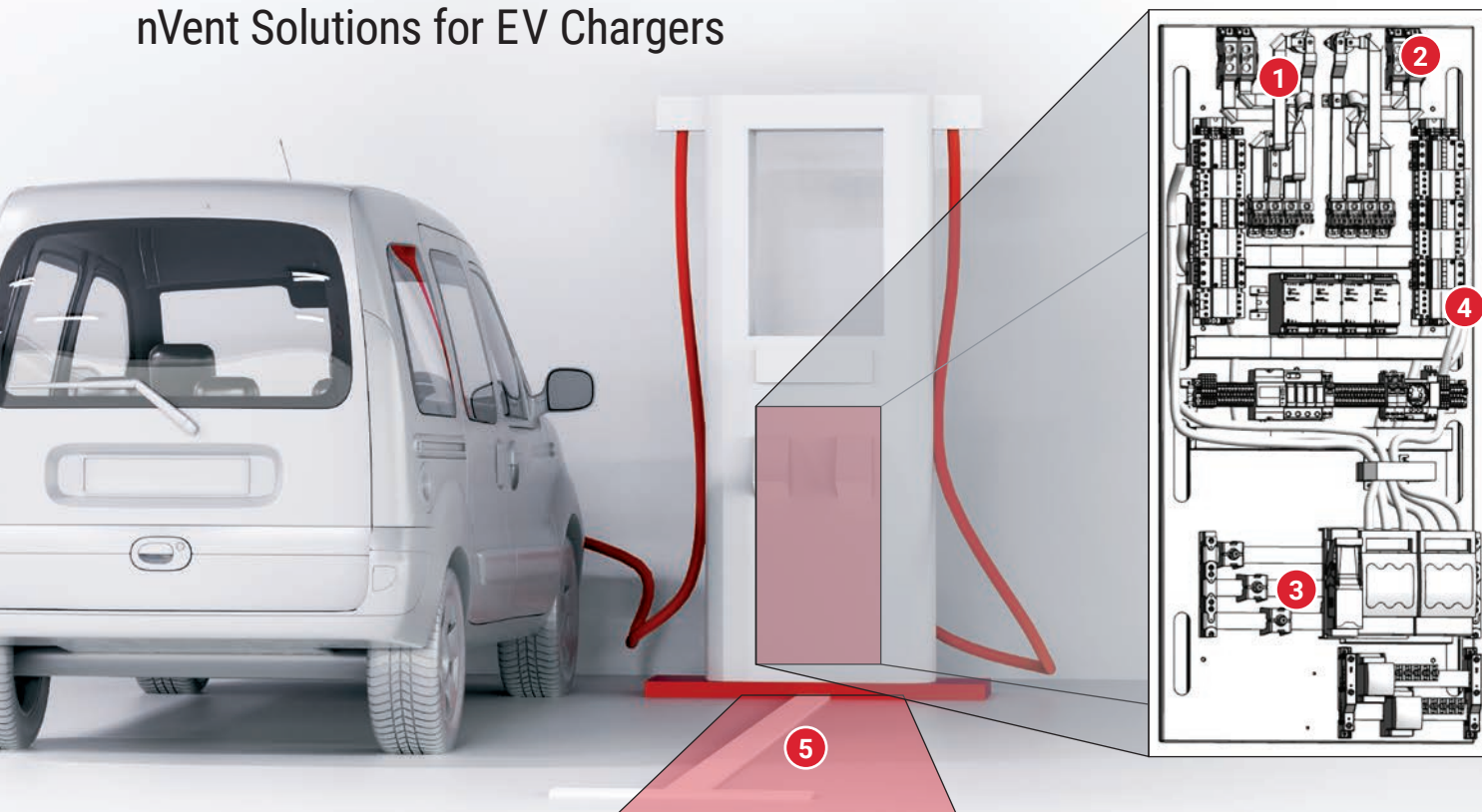
Our solutions improve end-user safety, enhance operations' protection and extend the systems' lifespan with reliable products.

CUSTOMIZED AND ENGINEERED SERVICES

nVent ERIFLEX offers the necessary products and engineering support needed to specify and build a complete range of solutions for EV charging stations and power infrastructure where low voltage power storage and transmission are critical. Our engineering team brings years of experience and expertise to every project, and will be with you from start to finish to advise on:

- Standardized and customized product solutions
- Engineering and prototype installation support
- Global standards compliance
- Post-installation support

nVent Solutions for EV Chargers



1 nVent ERIFLEX Flexible Power Conductors



2 nVent ERIFLEX Power and Distribution Blocks



3 nVent ERICO Surge Protective Devices



4 nVent ERIFLEX Busbar Supports and Insulators



5 nVent ERICO Grounding and Bonding

- Ground Mats and Mesh
- Ground Rods
- Conductor
- Exothermic and Mechanical Connection Solutions



To learn more about nVent's e-mobility solutions, download resources or contact the nVent Energy team, visit www.nVent.com/en-us/ERIFLEX/applications/emobility-electric-vehicles.



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER