

Electrical Engineer

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Company: Schneider Electric

Location: Kolding

Category: architecture-and-engineering

Electrical Engineer - Power Engineer Are you a skilled electrical engineer? Do you have a can-do-attitude and are eager to learn? We encourage and live by diversity and inclusion, so for us the important thing is to find talented candidates, who will learn, develop, and grow with us. If this sounds of interest, this is probably just the right opportunity for you! We are looking for an electrical engineer to join our R&D in Kolding, Denmark. You will design, develop, and maintain electrical designs with special focus on 3 phase Uninterruptible Power Supply (UPS) and power converters as assigned. You will join a dynamic and agile team, where we work passionately with product development and maintenance/sustaining end to end activities. Responsibilities Do specification, qualification, including laboratory preparation, testing, troubleshooting, reporting Support or build engineering hardware prototypes (electrical design/parts) Liaise with both internal and external stakeholders and factories assembly engineers to optimize the design for manufacturing, cost and quality Participate, support or lead design reviews, ensure electrical hardware design with standard compliance, and write design specifications Specify and qualify new or alternative electrical components (breakers, fuses, contactors, switches, overvoltage protective devices, power cables, Silicon controlled rectifiers (SCR)) When assigned, evaluate field failure data, investigate to find root causes and provide effective solutions when related to electrical components Specify and draw power cable, cable harness for UPS or power converters and electrical main circuit diagrams Support, advice, train, coach other team members with regard to technical subject matters Gather and prepare documentation to share your knowledge throughout our global organization so that everyone is up to date on standardization and installation requirements

Perform other related duties as assigned All in all, you develop new, technically complex 3 phase UPS products in collaboration with global teams. Your experience, education, and qualifications You have good and thorough experience in product development, and preferably also in Agile methodology. You have minimum Bachelor's Degree in Electrical Engineering or similar and you are fluent in English. In addition, you have the following:

- Experience or interest in electrical design
- Experience or interest in Labs hands-on and troubleshooting
- Knowledge in electrical components (Power Cable, busbars, breakers, fuses, contactors, Surge protective devices, etc)
- Knowledge or interest in national electrical codes / standards
- Knowledge of earthing systems and short circuit protection
- Drawings, technical documentation, and main circuit diagrams

If you also have experience in some of these areas, it will be an advantage:

- 3 phase UPS Electrical design
- Design for Electromagnetic Compatibility (EMC)
- Power design studies – interconnects, system balancing, arc flash, harmonics
- 3 phase UPS Standards or similar related standards (safety and performance)

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Personally You are a true team player who is driven by helping your team colleagues and by achieving our mutual results. You like to be responsible for your own activity planning, execution, and closing of assigned activities. You can navigate in different areas of electrical a design, and develop with an agile and reliability mindset, with flexibility in designs, influence platforming, or advocate modular designs. You are able to work closely and collaborate with all other disciplines and peers from hardware, EMI/EMC, Firmware, Software, Communication/interfaces, Compliance, Mechanical, Manufacturing, quality, Purchase, to address conflicting requirements and create/deliver efficient, high quality. Working here We work at a sustainable pace with good work/life balance in an environment, with great colleagues who care about each other. It is important that everybody feels as an important part of the team. We do this by having engineering sharing's, communities of practice, and social events. Did we get you inspired? Join Schneider Electric and unlock your full potential! Apply now and embark on an exciting career journey with us. Please submit your application soonest. We will fulfill the position as soon as the suitable candidate has been found. Contact persons If you have questions regarding this position, please call Jancarle Santos + and if you want to tell us more about yourself and why you think this is the right role for you, then feel free to call Kevin Haight at +47 72 .

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