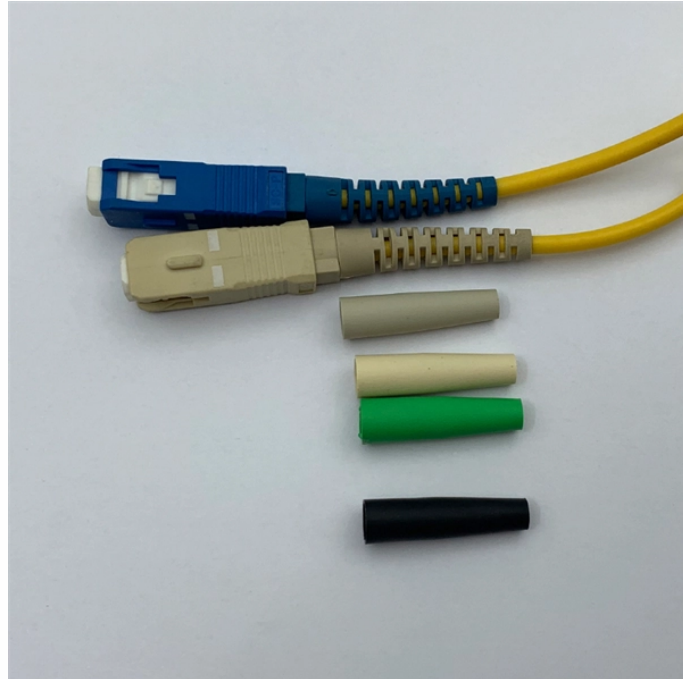


10kV High Voltage Busbar Bridge Model



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Abstract— This paper presents a half-bridge submodule design based on a 10 kV SiC MOSFET XHV-9 power module. The design of the gate driver, isolated power supply, and busbar are presented.



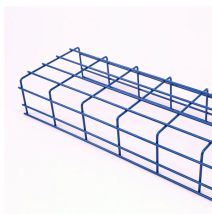
It is lack of relatively perfect scheme for the design of 10kV large-current switchgear above 4000A, in particular with many problems on selection and design of



Analyze high-power busbars with EMWorks: magnetic field, skin and proximity effects, AC losses, shielding impact, and short-circuit forces.



Abstract—This paper presents a comprehensive analysis about bus bar design procedure. Some applications in terms of rated power and shape are investigated regarding their particular ...



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The utility model relates to the technical field of voltage buses, in particular to a high-voltage 10KV tubular bus.



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