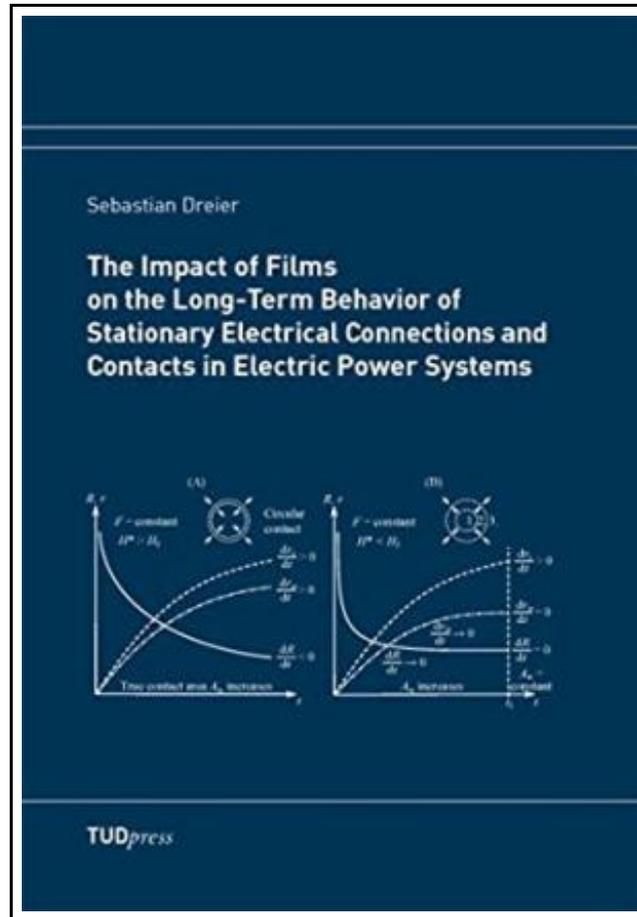


The Impact of Films on the Long-Term Behavior of Stationary Electrical Connections and Contacts in Electric Power Systems



Filesize: 7.16 MB

Reviews

Very good e book and helpful one. it was writtern quite properly and helpful. I am quickly could possibly get a enjoyment of looking at a composed book.

(Connor Lowe IV)

THE IMPACT OF FILMS ON THE LONG-TERM BEHAVIOR OF STATIONARY ELECTRICAL CONNECTIONS AND CONTACTS IN ELECTRIC POWER SYSTEMS



To get **The Impact of Films on the Long-Term Behavior of Stationary Electrical Connections and Contacts in Electric Power Systems** PDF, you should click the hyperlink below and save the file or have access to additional information which are have conjunction with THE IMPACT OF FILMS ON THE LONG-TERM BEHAVIOR OF STATIONARY ELECTRICAL CONNECTIONS AND CONTACTS IN ELECTRIC POWER SYSTEMS ebook.

Tudpress Verlag Der Wissenschaften Gmbh Feb 2016, 2016. Taschenbuch. Book Condition: Neu. 210x148x10 mm. This item is printed on demand - Print on Demand Neuware - Stationary electrical connections and contacts, such as power connections, are commonly applied in electric power systems used for generation, transmission and distribution of electric energy. Several different degradation mechanisms can increase the contact resistance and might therefore reduce the power connection's lifetime. The degradation by film development is often considered as a reason for contact failure. In this research work, the impact of film development produced by chemical reactions, such as oxidation, on the long-term behavior of stationary electrical connections and contacts was studied with crossed rods. Typical material systems for electric power systems were considered in this study: Cu-ETP bare, silver-, nickel- or tin-coated, Al99.5 and AlMgSi0.5. The initial contact resistance and the plastic deformed area of the considered material systems was measured in experimental tests. The film's impact was further determined through comparative experimental studies in air and inert gas. During the experimental tests on perpendicularly crossed rods, other degradation mechanisms were suppressed. The film's impact within the formation phase was studied in more detail. Moreover, the dependency on different environments was tested. Supplementary studies were performed at low forces as well as analytical assessment of the impact of radial and axial film growth on circular contact points. As result, a general description of the interactions between film development, time, material and temperature at circular contact points is presented in this book. An additional chapter considers the long-term behavior of power connections operated in areas with harsh environmental conditions. For over two and a half years, long-term field tests investigating bolted busbar joints were conducted in desert and tropical rainforest environments. 172 pp. Englisch.



[Read The Impact of Films on the Long-Term Behavior of Stationary Electrical Connections and Contacts in Electric Power Systems Online](#)



[Download PDF The Impact of Films on the Long-Term Behavior of Stationary Electrical Connections and Contacts in Electric Power Systems](#)



[Download ePUB The Impact of Films on the Long-Term Behavior of Stationary Electrical Connections and Contacts in Electric Power Systems](#)

See Also



[PDF] Psychologisches Testverfahren

Follow the hyperlink below to get "Psychologisches Testverfahren" PDF document.

[Download PDF »](#)



[PDF] Programming in D

Follow the hyperlink below to get "Programming in D" PDF document.

[Download PDF »](#)



[PDF] Genuine] action harvest - Kunshan Yufeng Experimental School educational experiment documentary(Chinese Edition)

Follow the hyperlink below to get "Genuine] action harvest - Kunshan Yufeng Experimental School educational experiment documentary(Chinese Edition)" PDF document.

[Download PDF »](#)



[PDF] The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)

Follow the hyperlink below to get "The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)" PDF document.

[Download PDF »](#)



[PDF] Memoirs of Robert Cary, Earl of Monmouth

Follow the hyperlink below to get "Memoirs of Robert Cary, Earl of Monmouth" PDF document.

[Download PDF »](#)



[PDF] Depression: Cognitive Behaviour Therapy with Children and Young People (Paperback)

Follow the hyperlink below to get "Depression: Cognitive Behaviour Therapy with Children and Young People (Paperback)" PDF document.

[Download PDF »](#)



[PDF] Ohio Court Rules 2014, Government of Bench Bar (Paperback)

Follow the web link under to get "Ohio Court Rules 2014, Government of Bench Bar (Paperback)" PDF file.

[Download Document »](#)



[PDF] Ohio Court Rules 2013, Practice Procedure (Paperback)

Follow the web link under to get "Ohio Court Rules 2013, Practice Procedure (Paperback)" PDF file.

[Download Document »](#)



[PDF] Ohio Court Rules 2012, Practice Procedure (Paperback)

Follow the web link under to get "Ohio Court Rules 2012, Practice Procedure (Paperback)" PDF file.

[Download Document »](#)



[PDF] Big Machines - Read it Yourself with Ladybird: Level 2

Follow the web link under to get "Big Machines - Read it Yourself with Ladybird: Level 2" PDF file.

[Download Document »](#)



[PDF] Danses Sacree Et Profane, CD 113: Study Score (Paperback)

Follow the web link under to get "Danses Sacree Et Profane, CD 113: Study Score (Paperback)" PDF file.

[Download Document »](#)



[PDF] The Princess and the Frog - Read it Yourself with Ladybird

Follow the web link under to get "The Princess and the Frog - Read it Yourself with Ladybird" PDF file.

[Download Document »](#)