

3M Electrical Markets Division

Contact Resistance Improvement Kit

Degradation of electrical connections leads to high contact resistance between transformer terminals and cable connections or terminals. This increased contact resistance leads to increase in generation of heat at the connection areas.



Heating at contact points leads to the multiple issues as following:

- Power loss in distribution
- Degradation and/or burning of cable terminal connections
- Damage of transformer bus bars
- Gradual heating corrodes the surface and pitting of the bus bars which in turn lead to higher heat generation, in turn leading to higher losses over a period of time
- Revenue losses in case of contact failure.

Features

- Very easy to use; can be done in a very short period of time by taking minimum shutdown time
- Can be used for all types of transformers and other equipment irrespective of the type of fixtures, bushings, no. of cables etc
- Leads to a substantial reduction in contact resistance
- Reduces the heating of transformer terminals
- Decreases the distribution losses

3M offers Contact Resistance Improvement Kit, which contains

- Electrical Contact Improvement Paste
- Scotchfil Putty – 1 Roll
- Super 33+ Black – 1 Roll
- Scotch 35 Red – 1 Roll
- Scotch 35 Blue – 1 Roll
- Scotch 35 Yellow – 1 Roll
- Comfort Grip Gloves – 1 Pair

3M Science.
Applied to Life.™

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Important Notice

Before using 3M product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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