



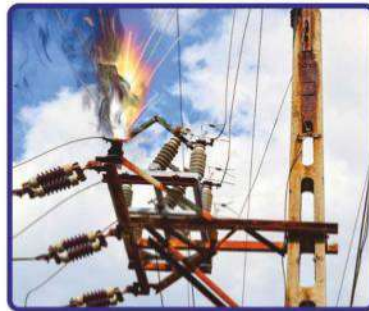
SHRIPAT Tech-innovation has started innovating a new generation of Electrical Products in market. Now we are introducing product called as "Pre-insulated Jumper Assembly" which is completely ready to directly install on installed bare conductors of LV/MV distribution Lines.

These have been introduced in India by us after collecting challenges through Voice of Customers.

This solution kit contains 3 jumpers made up of MV insulated Cable and 6 customized Connectors. Length can be given as per customer request. **Pre-insulated Jumper Kit for Distribution Transformer MV side** also can be customized as per O&M & application requirements

Industry Challenges

- Unsafe Bare lines
- Bird, Squirrels & others, including Tree branch touch issues for TRIPPINGS.
- Hot spots at Joining locations e.g. at PG clamps & Crimped T-Connections
- O&M issues mainly during rainy season.
- External insulation process is quiet costly and cumbersome
- Non-reliability in existing networks (Revenue Loss.....due to faults)



Undesirable
Overheated Connection Hot-Spots
leads to Electrical Line failures

Unreliable
With Safety and O&M Issues
leads to frequent faults due to
Tree, Bird and Animals contacts



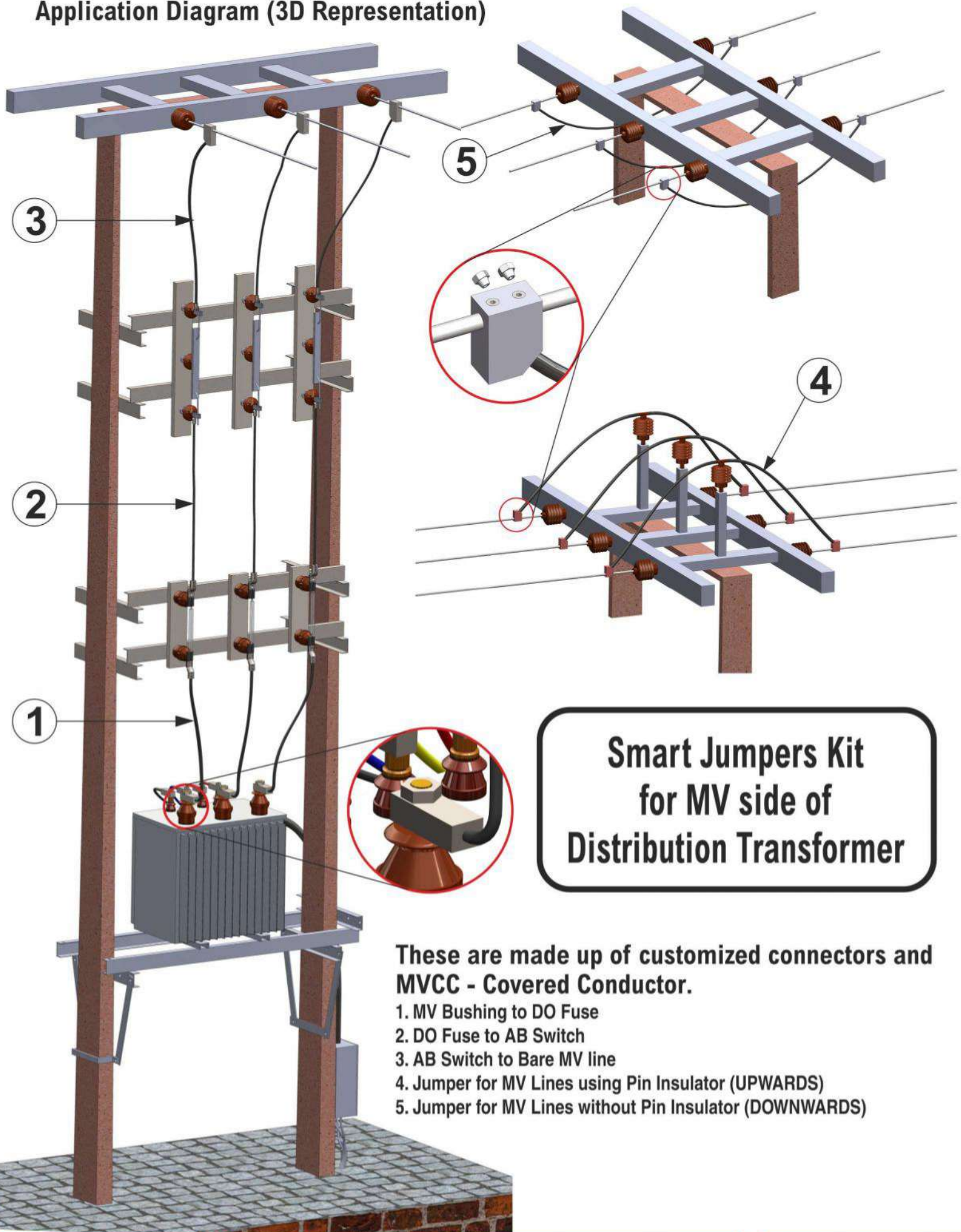
Range : Upto 66KV VOLTAGE level

Features:

- 1) Factory assembled Pre-insulated Jumper Assembly
- 2) Ready to Install Kits for all 3 phases
- 3) Anti-tracking, UV stabilized, Unscreened Insulation upto 66 KV
- 4) Concept : Fit and Forget, Easy to Install
- 5) No external Insulation needed like conductor sleeves/tapes/paints
- 6) Low Temperature Rise due to Minimum Contact Resistance design connection
- 7) No crimping / binding / hammering at connection points (we have Controlled Torque)
- 8) Criss-Cross connections without compromising safety
- 9) Energy Efficient and O&M friendly – "Connect & Insulate" Solution



Application Diagram (3D Representation)



**Smart Jumpers Kit
for MV side of
Distribution Transformer**

These are made up of customized connectors and MVCC - Covered Conductor.

- 1. MV Bushing to DO Fuse
- 2. DO Fuse to AB Switch
- 3. AB Switch to Bare MV line
- 4. Jumper for MV Lines using Pin Insulator (UPWARDS)
- 5. Jumper for MV Lines without Pin Insulator (DOWNWARDS)