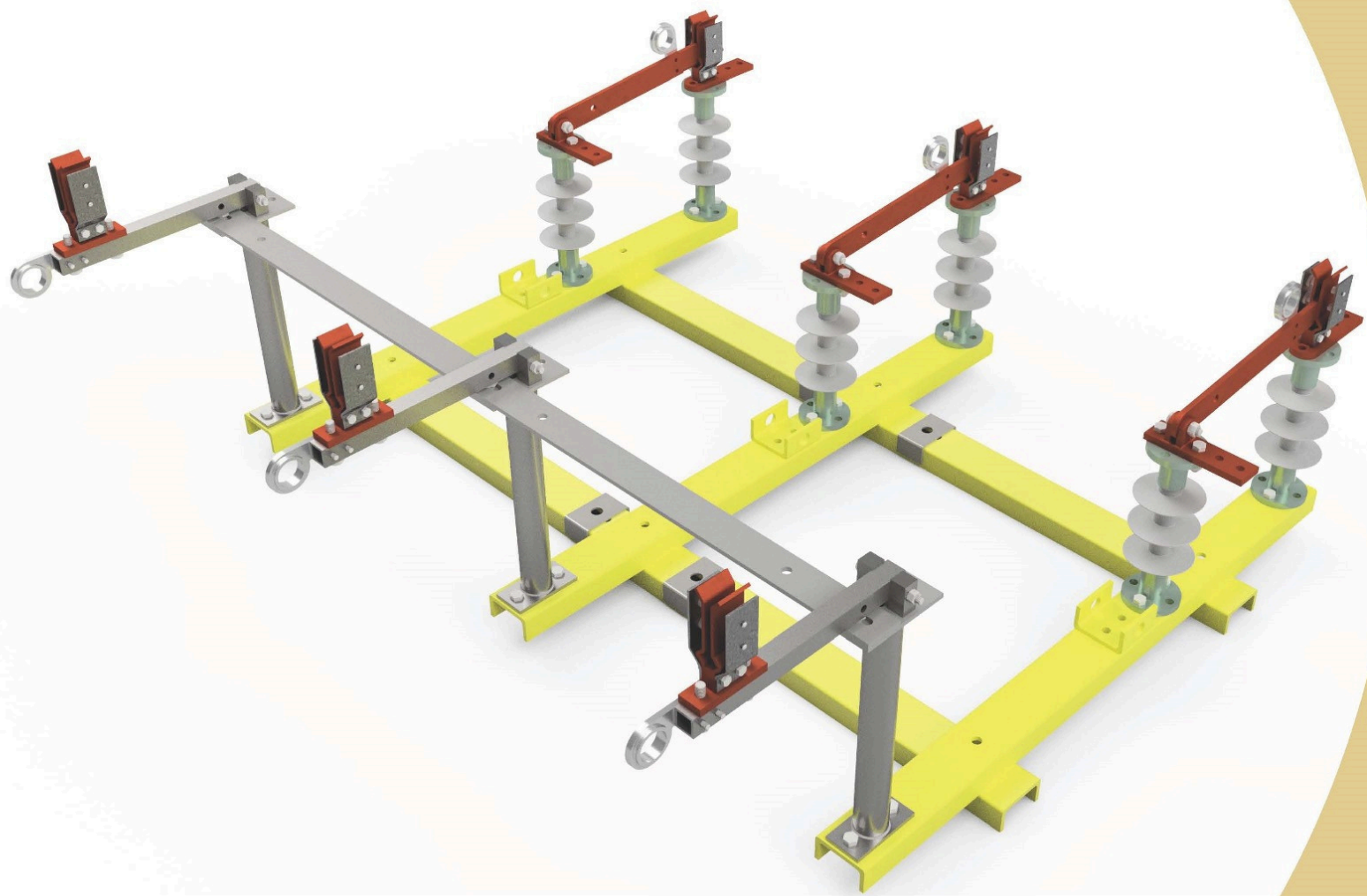




**GUJARAT POWER  
RESEARCH & DEVELOPMENT CELL**  
**GUJARAT URJA VIKAS NIGAM LTD**



**AIR BREAK SWITCH WITH EARTH  
BLADE (WITH FRP MOUNTING  
CHANNEL) is a combination of the  
11 KV AB Switch, Flexible Earthing  
Blade, FRP Base Channel**

## **AN AIR BREAK SWITCH WITH EARTHING FACILITY AND FIBER REINFORCED POLYMER MOUNTING CHANNEL**

The DISCOMs are adopting and implementing all safety measures and safety tools or equipments. Even though, the line staff's safety issues are increasing.

DISCOMs need a permanent technical solution by designing a system to face the problem during maintenance activities.

Gujarat Power Research & Development Cell has developed "AIR BREAK SWITCH WITH EARTH BLADE (WITH FRP MOUNTING CHANNEL)", a unique concept with the enhanced design for the inevitable safety issues faced by the DISCOMs.

## **Benefits to the Power Distribution Companies**

- Easy mounting
- Line staff's Electrical accidents shall get reduced
- Increase in ease and safety of the operation
- Increase the confidence of the DISCOM's technical staff during maintenance activities

**Patent No - 516405**

## **Features of ABEB**

- Safety to line staff
- Cost-Effective Solution
- Mechanically rugged design
- Reduce Power Interruption
- Address the back power issues of the distributed feeder line
- Minimization of the fault restoration time
- Improved aesthetics

**The AIR BREAK SWITCH WITH EARTH BLADE (WITH FRP MOUNTING CHANNEL) is a unique concept, having the capability to reduce the electrical accident. It is performing best and satisfactorily in the field.**