

Summary

24kv three-pole load break disconnecting switch is used to open medium voltage circuits up to 38 KV, connecting or disconnecting lines or cables, sectionalize ring-circuits, as well as to connect or disconnect transformers under load conditions. Despite this high contact pressure, the operation of load-break disconnecting switches is easy and light. Disconnecting switch is designed according to a modular system, parting from a non-load isolator switch (refer to section Non-load isolating switches), whose galvanized steel frame has several drillings that allow the conversion of an isolator switch into a disconnecting switch without any problem, even when already installed in the field, by simply adding the arcing chambers. This efficient design also allows the easy replace-ability of parts and maintenance.

The live parts of the disconnecting switch are made of silver plated electrolytic copper (99.9%), as well as the straight contacts. Contact elements, due to their relative over dimension and a very high contact pressure, guarantee a minimum wear-off during the live of this equipment, offering a high resistance against the impacts provoked by short circuits.

Dimensions and Schematic

