

Outdoor vacuum load break switch (Rocking)

TYPE ITRN

Ur : 25 kV - BIL 250 kV - Ir : 1250 A / 2000 A

Ik : 20 kA / 31,5 kA - Ip : 50 kA / 80 kA



Applications

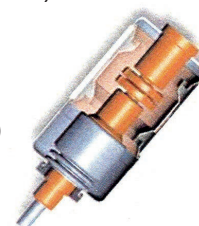
- The ITRN is dedicated to railways electrification, for outdoor, horizontal, single or double pole installation.
- For single and two phases systems, the ITRN range allows catenaries feeding, feeding of heating of switching point and of auxiliaries (capacitor bank, auxiliary transformers...).

Benefits

- By making economic sense and being easy to handle the ITRN disconnecter range guarantee a higher performance on the rated making short circuit current.
- With its compact design, the ITRN allows not only easy installation on site and easy setting, but also easy maintenance due to high pressure silver-plated coating self-cleaning contacts.
- High reliability with a mechanical endurance up to 10000 cycles.

Technical datas

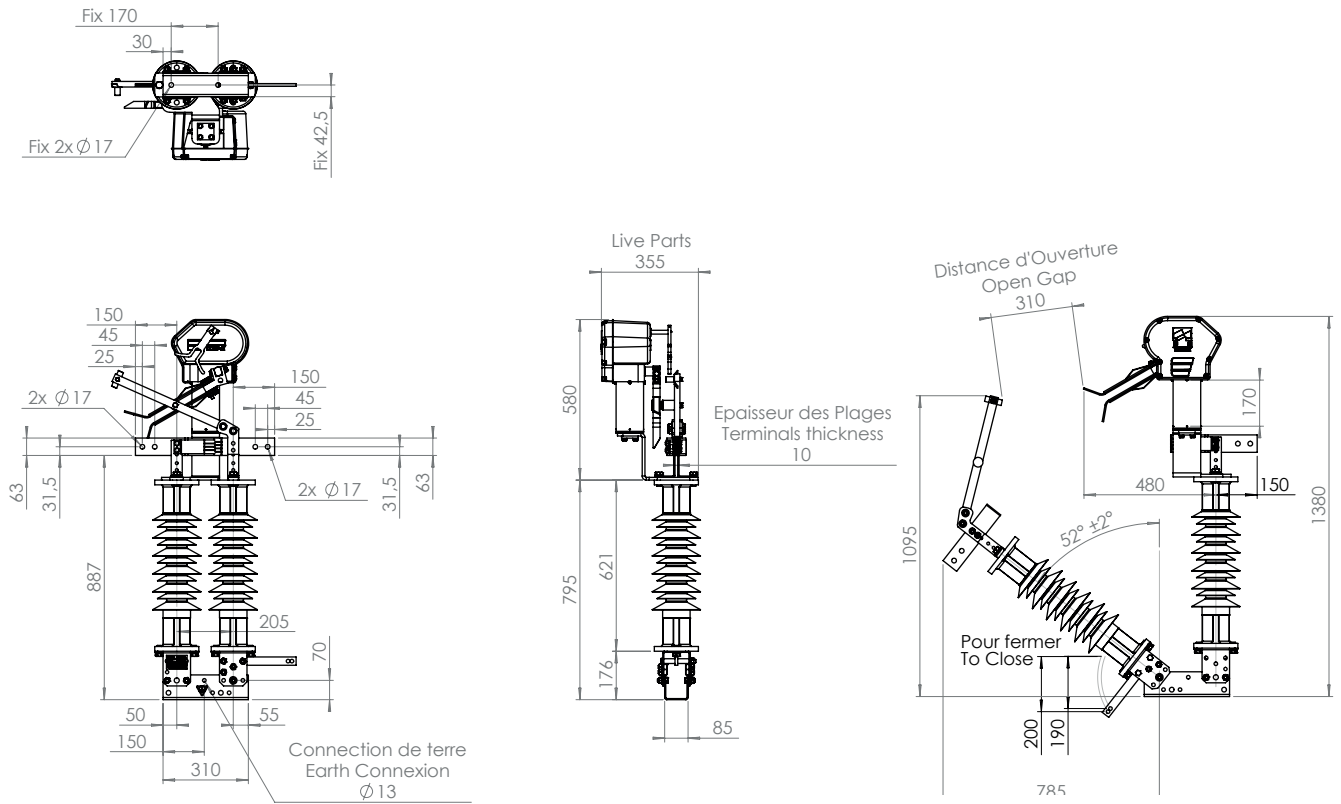
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|---|--|
| ■ Dielectric withstand at 50/60 Hz for 1 minute (kV rms) | |
| • to earth | 95 kV |
| • accross isolating distance | 110 kV |
| ■ Dielectric withstand rated lightning impulse withstand (1,2/50 μ s) | |
| • to earth | 250 kV |
| • accross isolating distance | 290 kV |
| ■ Rated making short circuit current (peak value) | I _{ma} : 31,5kA (Model ITRN). |
| ■ Porcelain insulator (silicone optional) | |
| • minimum creepage distance | 1040 mm (higher values upon request) |
| ■ Breaking chamber | Vacuum interrupter |
| ■ Primary Terminals | Copper pads |
| ■ Seismic withstand | 0,2 g (higher values upon request) |
| ■ Ice operation | 10 mm |
| ■ Mechanical endurance | 10 000 cycles |
| ■ Weight per pole | 50 kg |



Options

- Switch drives
 - electrical (EOM)
- Available in grease free version
- I_{ma} = 40 kA (Model ITRH)
- I_{ma} = 20 kA (Model ITRL)

Outline drawing



The drawing above is given for information only. Detailed layout available upon request.

General features

- IEC standards compliant.
- Type tests reports available upon request.