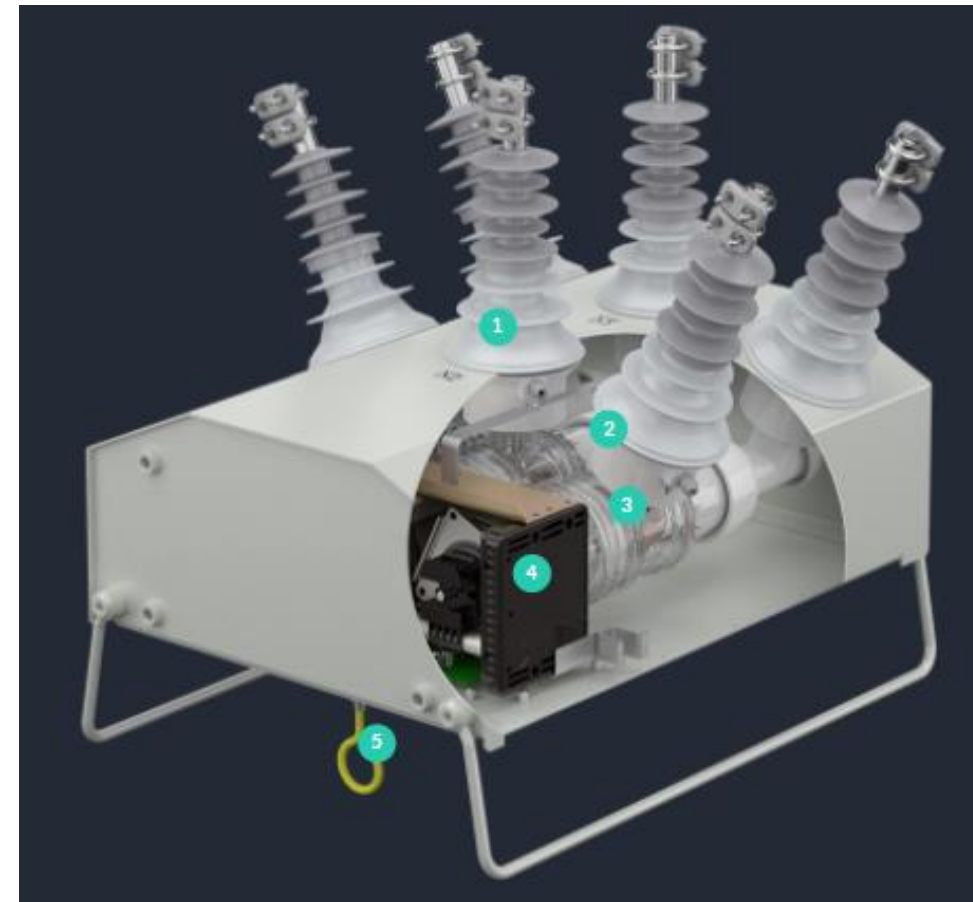


Bobina de Rogowski Aplicaciones - Reconectador

TAVRIDA ELECTRIC

OSM_AI_1, 2 and 4 Series / Reclosers for Substation Use

Fuente: <http://www.chesselectric.ca/wp-content/uploads/2015/08/tena-osmsub-rev-4-0613.pdf>



Current sensing	x3 Rogowski coils or x3 current transformers ³
Voltage sensing	6 Voltage Sensors

OSM_AI_1 series with on-board Rogowski coils for use with RC_5 controls. OSM_AI_2 / AI_4 series with current transformers for use with Schweitzer Engineering SEL-651R and 351S controls.

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Aplicaciones - GIS

Voltage and current sensors for gas insulated switchgears (GIS)

- Accuracy class: <math><1\%</math>
- IEC 61869-10 (Instrument transformers - Part 10: Additional requirements for low-power passive current transformers).

sensART RWG / ARTECHE

Note: IEC61869-2 (2011) Instrument transformers - Part 2: Additional requirements for current Transformers – “Conventional CTs”



> Current measurement based on rogowski coils

Bobina de Rogowski

Aplicaciones – SET integrado



Fuente: <https://www.janitza.com/us/rogowski-coils.html>

4/9/2021

Bobina de Rogowski - Referencias Generales

Bobina de Rogowski

Aplicaciones – SET integrado

- The output signal from the Rogowski coil is fed to a measurement transducer, which issues standardised AC current of max. **1 A at the output**.
- Frequency bandwidth of the Rogowski coil 50/60 Hz, up to 700 kHz without load (no-load operation)
- **Accuracy per class 0.5**, in accordance with IEC 61869
- Operating temperature: -40°C to +80°C
- Rated insulation voltage 1kV CATIII
- Rogowski coil from 10 to 10000 Arms – in combination with Janitza measurement transducer RogoTrans up to 4000 Arms
- **Accuracy better than 0.65 % irrespective of the position of the primary conductor**
- CE-certified (2014/30/EU), in accordance with the European Directive 2014/35/EU and tested in accordance with the standard IEC 61010-1
- IP67
- Retrospective clip-on system without disconnecting the phase conductor
- Device for fixing to the primary conductor with a cable tie
- Internal screening
- High linearity, **no saturation, no current upper limit of the Rogowski coil**

Fuente: <https://www.janitza.com/us/rogowski-coils.html>