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Technical Characteristics

Mod. 236/518 unit is composed by a power and a regulating group .

The first is placed inside the main tank and it is completely dipped into oil.

The second is placed in explosion-proof boxes in front part of the main holder.

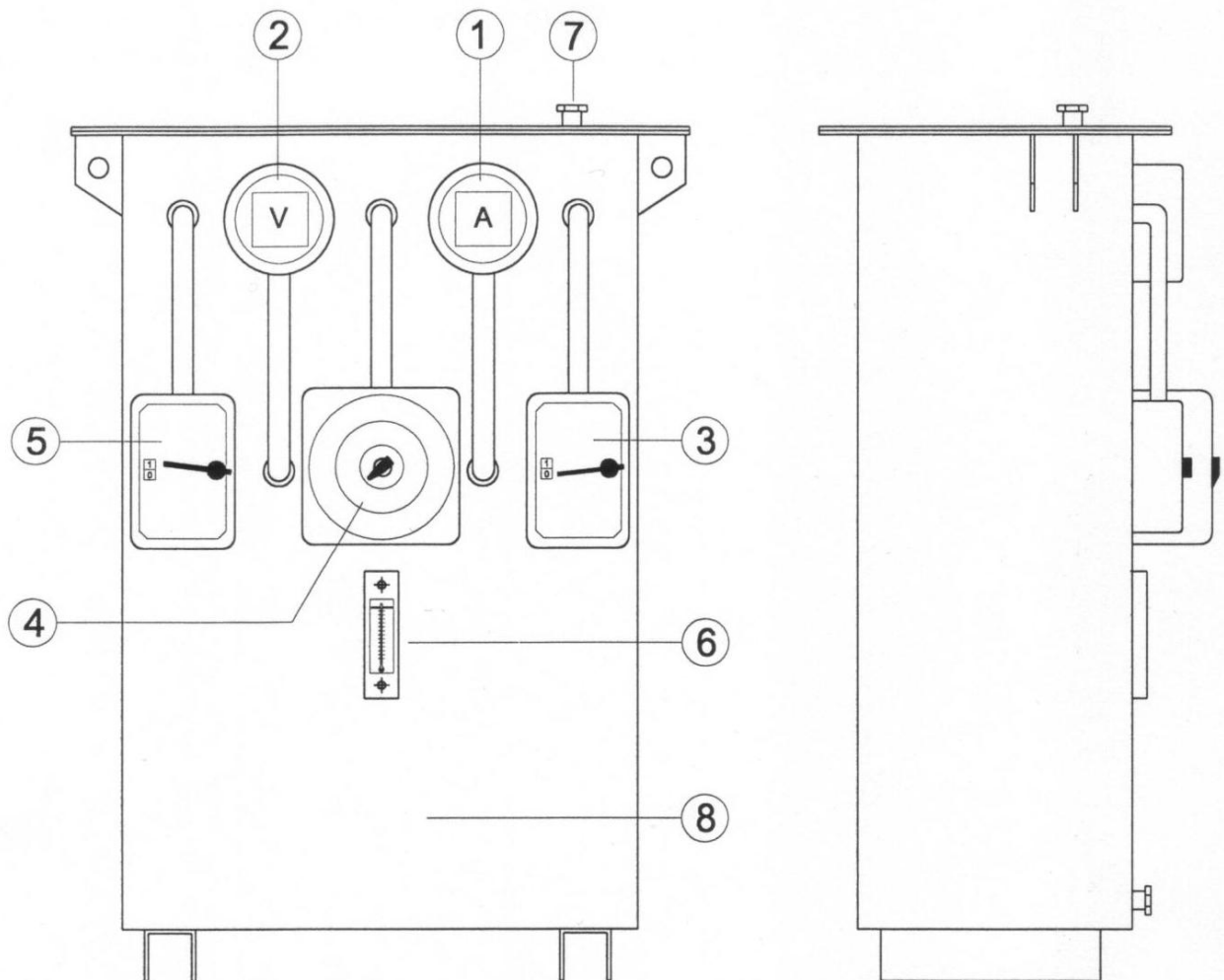
The regulation of output values is possible with the dimmer potentiometer.
Values are shown on a voltmeter and on a cl.1,5 ammeter.

Two automatic magnetothermic switches, the first to protect the 220V 50Hz side and the other the outside in direct current, are installed.

The cooling is in natural oil convection.

2.0 Starting

- Remove the oil load plug (7) and fill with oil transformers up to the oil level (6).
- Open the antideflagranting holder (5) and connect the feeding cable to the automatic magnetothermic switch (220V 50Hz)
- Connect the safety ground cable to the terminal inside the holder (5)
- Open the explosion-proof box (3) and connect to the magnetothermic switch the two cables coming from the metal structure to be protected and from anodic grounded.
- Close two antidelagrating holders.
- Completely turn on anticlockwise the potentiometer (4).
- Turn on the network switch (5).
- Turn on the output switch (3).
- Turn on clockwise the potentiometer (4) to allow the output current..



- AMMETER OUTPUT D.C.	1	- AMPEROMETRO DI USCITA C.C.
- VOLTMETER OUTPUT D.C.	2	- VOLTMETRO DI USCITA C.C.
- MCB's TYPE SWITCH OUTPUT, D.C.	3	- INTERRUTTORE MAGNETOTERMICO USCITA C.C.
- CONTROL OUTPUT, D.C.	4	- REGOLAZIONE USCITA C.C.
- MCB's TYPE SWITCH INPUT, A.C.	5	- INTERRUTTORE MAGNETOTERMICO INGRESSO C.A.
- OIL LEVEL AND TERMOMETER	6	- LIVELLO OLIO E TERMOMETRO
- OIL LOAD PLUG	7	- CARICO OLIO
- OIL DRAIN PLUG	8	- SCARICO OLIO

3.0 Maintenance

The unit cannot require specific maintenance operations. It's enough to provide:

- Every month: check the oil level and provide with possible refill.
- Every 6 months: check automatic switches efficiency.
- Every 3 years: replace the cooling oil following the below instructions.

- 1) Open the oil load plug (7);
- 2) Open the oil drain plug (8) and leak the exhausted oil;
- 3) Close the oil drain plug (8);
- 4) Fill with transformers oil up to the oil level;
- 5) Close the oil load plug (7)