



Department of consumer and corporate affairs / Ministère de la consommation et des corporations



STANDARDS BRANCH - DIRECTION DES NORMES

NOTICE OF APPROVAL

T-53

OTTAWA March 2, 1970.

USINES BALTEAU TYPES "CEX110", "CEX150" and "CEZ220" METERING UNITS

Voltage Rating	Type	Contains
115kv	CEX110	SEX110 ^① current reansformer UEV110 ^② voltage transformers
138kv	CEX150	SEX138 ^① current transformer UEV138 ^② voltage transformers
161kv	CEX150	SEX150 ^① current transformer UEV150 ^② voltage transformers
230kv	CEZ220	SEZ220 ^① current transformer UEX220 ^② voltage transformers

- (1) A metering unit may incorporate any of the ratios covered under circular T-40-2 for these types.
- (2) A metering unit will incorporate the voltage ratios for these types covered under circular T-52.

Description

Each hermetic combined metering unit is composed of a current transformer part identical to the single current transformer of the same diameter, and a voltage transformer part identical to the single voltage transformer of the size immediately smaller.

The current transformer may be constructed with any of the single, double or triple ratios for the types listed under T-40-2 and will incorporate the same primary ratio changing links.

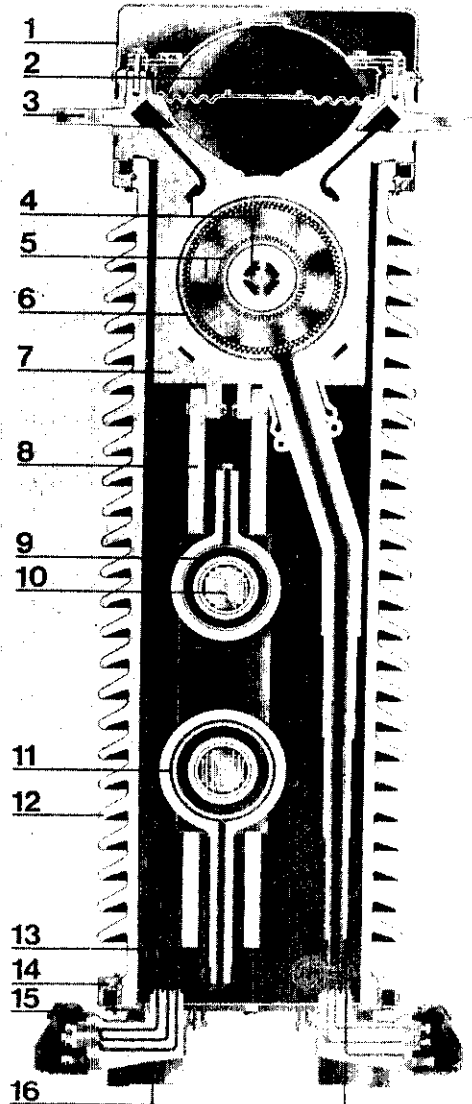
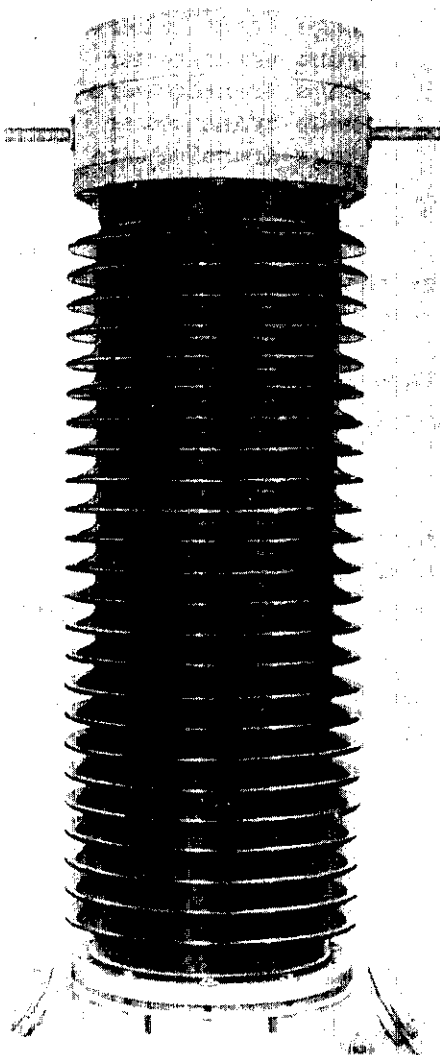
USINES BALTEAU TYPES "CEX110", "CEX150" and "CEZ220" METERING UNITS

hermetic

Balteau

Combined metering units.

1. Aluminium hood.
2. Diaphragm allowing thermal expansion of oil.
3. Primary terminals in bronze.
4. Reconnectable primary winding (current transformer).
5. Core(s) and secondary winding(s) (CT).
6. Metallic shell enclosing the core(s) with HV insulation, oil impregnated paper (CT).
7. Main parts moulded in epoxy resin (CT).
8. core insulating rods (VT).
9. Primary winding in cascade connection — compensation winding (voltage transformer).
10. Core at half-primary voltage (VT).
11. Secondary winding(s) (VT).
12. Long creepage distance porcelain.
13. Hot galvanised steel base.
14. Porcelain clamping device.
15. Aluminium moulded terminal box with secondary terminals in epoxy resin casting.
16. Fixing legs and lifting holes.

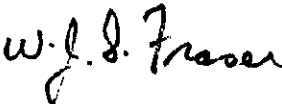


The secondary terminals for the current and voltages are brought to terminal boxes located at the base of the transformer on opposite sides. These terminal boxes are provided with metal covers.

Approval granted to:

Usines Balteau,
Liege, Belgium
Agent Trench Electric Limited,
Don Mills, Ontario.


(for) J.S.T. Swanson, P. Eng.,
Chief, Standards Laboratory,
Standards Branch.



W.J.S. Fraser,
Chief, Electricity and Gas Division,
Standards Branch.

Ref: SL-100-81
SL-100-127
SE-85-33