

# Oil expansion tanks type ET2 and ET2-H

## For high voltage cable terminations up to 550 kV

Brugg oil expansion tanks type ET2 and ET2H are easy to install and have been specifically designed for the secure oil expansion compensation for fluid-filled high voltage cable terminations up to 550 kV. The stainless steel housing provides excellent mechanical protection for all types of installation. The "H" version has a special protective coating and allows its use in applications with corrosive environments, such as salty air. For the assurance of a long-term continues operation in service, the integrated compartment membrane cell is carefully pressurized under controlled conditions during manufacturing. Both sets contain a 3 contact manometer with an IP66 protection rating with 2 meters signal cable. A 10 meter oil connection tube with integrated valve terminals is also provided.



### Product main features

- Robust stainless steel V2A housing
- Manometer with V4A housing, 3 contacts and IP66 protection class
- Signal cable 2 meters
- Oil supply tube 10 meters, can be shortened on site
- For indoor and outdoor applications
- Compact dimensions
- Oil operating temperature from -30 °C up to +80 °C
- Pressure gauge types
  - Type 232.30.063 without contacts, range -1 to 10 bar
  - Type 821.1.12 with contacts, range -1 to 5 bar normally open / normally open / normally closed
  - Type 821.2.21 with contacts, range -1 to 5 bar normally closed / normally closed / normally open

### Ordering information

Type	Description	Application	Drawing	Pressure gauge type	Part no
ET2	Oil expansion tank for fluid filled HV cable terminations - standard	Standard Corrosion coating, colour grey	S1865-4	232.30.063	89380
ET2	Oil expansion tank for fluid filled HV cable terminations - standard	Standard Corrosion coating, colour grey	S1984-4	821.1.12	83329
ET2	Oil expansion tank for fluid filled HV cable terminations - standard	Standard Corrosion coating, colour grey	S1984-4	821.2.21	83559
ET2-H	Oil expansion tank for fluid filled HV cable terminations - heavy duty	Heavy duty special corrosion coating, colour white	S1985-4	821.1.12	83330
ET2-H	Oil expansion tank for fluid filled HV cable terminations - heavy duty	Heavy duty special corrosion coating, colour white	S1985-4	821.2.21	83560

### Additional products (to be ordered separately)

Type	Description	Protection class	W x H x D mm	Part no
Junction box	Junction box for connection of up to 3 manometer signal cables	IP66	180 x 130 x 77	76406