# BBY5

## MEDIUM VOLTAGE OUTDOOR VOLTAGE TRANSFORMER



## GENERAL FEATURES

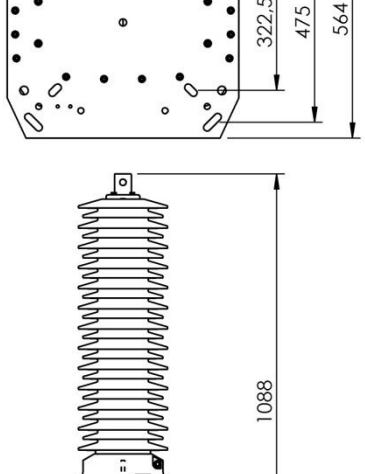
One HV pole voltage transformer, dry insulated and completely earthed for outdoor application. Its aluminium case brings a high mechanical resistance. Its silicone molded insulator with large creepage distance gives perfect insulating properties in aggressive and polluted environments.

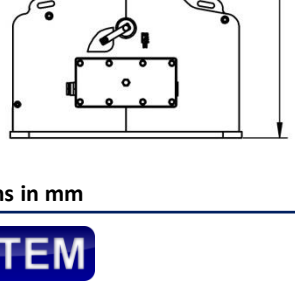
- ✓ **Standard :** IEC 61869-3 | CSA C61869-3 | IEEE C57-13
- ✓ **Creepage :** 2250mm
- ✓ **Flashover :** 675mm
- ✓ **Ambient temperature :** up to -50/+50°C

## ELECTRICAL FEATURES

- ✓ **Insulation level :** up to 72.5/140/350kV
- ✓ **Frequency :** 50Hz | 60Hz
- ✓ **Primary voltage (Un) :** up to 72500/√3V
- ✓ **Voltage factor :** 1.5 or 1.9Un | 30s or 8H
- ✓ **Accuracy class (IEC) :** 0.1 | 0.2 | 0.5 | 1 | 3 | 3P | 6P
- ✓ **Accuracy class (CSA) :** 0.15 | 0.3 | 0.6 | 1.2 | 3P | 6P
- ✓ **Accuracy class (IEEE) :** 0.15 | 0.3 | 0.6 | 1.2
- ✓ **Accuracy burden (IEC) :** up to 200VACL0.2-500VACL0.5-1000VACL1
- ✓ **Accuracy burden (CSA/IEEE) :** up to 0.3WXYZZZ
- ✓ **Residual winding :** on request
- ✓ **Thermal burden :** up to 2000VA

## DIMENSIONS




## MECHANICAL FEATURES

- ✓ **Approximate weight :** 157kg
- ✓ **Cable outlet :** PG21 nickel plated brass for Ø 13 to 19mm
- ✓ **Primary connection :** Aluminium 1 hole Ø 14mm

## OPTIONS

- ✓ **Cable outlet :** 1'' NPT adaptator
- ✓ **Secondary fuse :** 1A | 4A
- ✓ **Primary connection :** NEMA pad or other connections on request

**Dimensions in mm**

**Information given for illustrative purposes. For any other feature or need, contact us.**


SADTEM

**INSTRUMENT TRANSFORMERS**

671, Rue Maurice Caullery - ZI Douai Dorignies – 59506 DOUAI cedex – France

Phone : (33) 03 59 61 15 60 www.sadtem.com contact@sadtem.com



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