



INSTRUMENT TRANSFORMERS

Dry Type Instrument Transformers

Medium Voltage Voltage Transformer Outdoor up to 24 kV: Single Bushing for Pole Mount Installation type VExG



Type VExG



Type VExL

Technical data

| Description | VExG-7.2 | VExG-12 | VExG-24 |
|---|--|--------------------|---------------------------------|
| Highest system voltage (kV) | 7.2 | 12 | 24 |
| Power frequency withstand voltage (r.m.s.) (kV) | 20 | 28 | 50 |
| Lightning impulse withstand voltage (peak) (kV) | 60 | 75 | 125 |
| Rated frequency (Hz) | 50 | | |
| Insulating material | Cycloaliphatic epoxy resin | | |
| Rated primary voltage (kV) | 6.6/ $\sqrt{3}$ | 12, 12/ $\sqrt{3}$ | 22/ $\sqrt{3}$, 24/ $\sqrt{3}$ |
| Rated secondary voltage (V) | 100, 100/ $\sqrt{3}$, 110, 110/ $\sqrt{3}$, 120, 120/ $\sqrt{3}$ | | |
| Primary terminal marking | H1-N, A-N | | |
| Secondary terminal marking | 1a-1n | | |
| Number of winding (Winding) | 1 | | |
| Accuracy class & Burden (Max) | 0.6 (W, X, Y) & 1.2Z (IEEE57:13) 75VA Class 0.5, 200VA Class 1 (IEC61869-3) | | |
| Voltage factor | 1.2 Cont /1.5, 30 sec. | | |
| Maximum temperature rise of winding (°K) | Insulation Class B | | |
| Maximum ambient temperature (°C) | 40 | | |
| Weight (approx.) (kg.) | 35 | | |
| Standard | IEC61869-3 / IEEE57:13-2008 | | |

Double Bushing for Pole Mount Installation Type VExL

Technical data

| Description | VExL-7.2 | VExL-12 | VExL-24 |
|---|--|---------|---------|
| Highest system voltage (kV) | 7.2 | 12 | 24 |
| Power frequency withstand voltage (r.m.s.) (kV) | 20 | 28 | 50 |
| Lightning impulse withstand voltage (peak) (kV) | 60 | 75 | 125 |
| Rated frequency (Hz) | 50 | | |
| Insulating material | Cycloaliphatic epoxy resin | | |
| Rated primary voltage (kV) | 6.6 | 11, 12 | 22, 24 |
| Rated secondary voltage (V) | 100, 110, 120 | | |
| Primary terminal marking | H1-H2, A-B | | |
| Secondary terminal marking | x1-x2, a-b | | |
| Number of winding (Winding) | 1 | | |
| Accuracy class & Burden (Max) | 0.6 (W, X, Y) & 1.2Z (IEEE57:13) 75VA Class 0.5, 200VA Class 1 (IEC61869-3) | | |
| Voltage factor | 1.2 Cont /1.5, 30 sec. | | |
| Maximum temperature rise of winding (°K) | Insulation Class B | | |
| Maximum ambient temperature (°C) | 40 | | |
| Weight (approx.) (kg.) | 38 | | |
| Standard | IEC61869-3 / IEEE57:13-2008 | | |