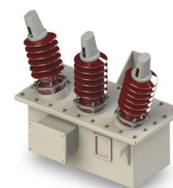




### Medium Voltage Outdoor System up to 36 kV : Single phase Voltage Transformer Type VOL



Type VOL



Type VOG

#### Technical data

Description	VOL-12	VOL-24	VOL-36
Highest system voltage (kV)	12	24	36
Power frequency withstand voltage (r.m.s.) (kV)	20	50	70
Lightning impulse withstand voltage (peak) (kV)	28	125	170
Rated frequency (Hz)	50		
Insulating material	Oil immersed insulation Class A		
Rated primary voltage (kV)	11	22	33
Rated secondary voltage (V)	100 , 110 , 120 , 230		
Primary terminal marking	U-V , A-B , H1-H2		
Secondary terminal marking	u-v , a-b , x1-x2		
Number of winding (Winding)	Up to 2		
Accuracy class & Burden (Max)	50VA Class 0.5, 100VA Class 1, 500VA Class 3 500VA Class 3P		
- Metering			
- Protection			
Voltage factor	1.2 Cont /1.5, 30 sec.		
Weight (approx.) (kg.)	50		70
Standard	IEC61869-3 / IEEE5713-2008		

### Three Phase Voltage Transformer Type VOG Technical data

Description	VOG-242	VOG-362
Highest system voltage (kV)	24	36
Power frequency withstand voltage (r.m.s.) (kV)	50	70
Lightning impulse withstand voltage (peak) (kV)	125	170
Rated frequency (Hz)	50	
Insulating material	Oil immersed insulation Class A	
Rated primary voltage (kV)	22/ $\sqrt{3}$	33/ $\sqrt{3}$
Rated secondary voltage (V)	110 / sqrt 3 , 110	
Primary terminal marking	A-B-C , H1-H2-H3	
Secondary terminal marking	a-b-c , x1-x2-x3	
Number of winding (Winding)	Up to 2	
Accuracy class & Burden	50VA Class 0.5, 500VA Class 3 500VA Class 3P	
- Metering		
- Protection		
Voltage factor (%)	1.2 Cont / 1.9, 8h	
Weight (approx.) (kg.)	135	180
Standard	IEC61869-3 / IEEE5713-2008	



# INSTRUMENT TRANSFORMERS

Oil Type Instrument Transformers

## Medium Voltage Outdoor System up to 36 kV : Voltage Transformer for Substation Type VOG for EGAT



Type VOG

### Technical data

Description	VOG-12	VOG-24	VOG-36
Highest system voltage (kV)	12	24	36
Power frequency withstand voltage (r.m.s.) (kV)	20	50	70
Lightning impulse withstand voltage (peak) (kV)	28	125	170
Rated frequency (Hz)	50		
Insulating material	Oil immersed insulation Class A		
Rated primary voltage (kV)	11/ $\sqrt{3}$	22/ $\sqrt{3}$	33/ $\sqrt{3}$
Rated secondary voltage (V)	110/ $\sqrt{3}$ , 110		
Primary terminal marking	A-B , H1-H0		
Secondary terminal marking	a-b , x1-x2		
Number of winding (Winding)	Up to 2		
Accuracy class & Burden	50VA Class 0.2, 0.3WXY		
- Metering	On request		
- Protection			
Voltage factor (%)	1.2 Cont / 1.9, 8h		
Oil expansion	Metalic bellow		
Weight (approx.) (kg.)	91		
Standard	IEC61869-3 / IEEEC57.13-2008		

