

OUTDOOR EXTENDED RANGE CURRENT TRANSFORMERS

TYPE: AH17

Technical Data Sheet

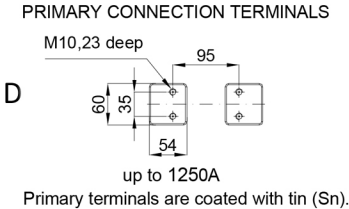
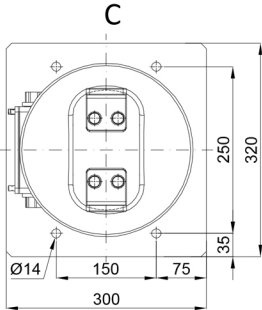
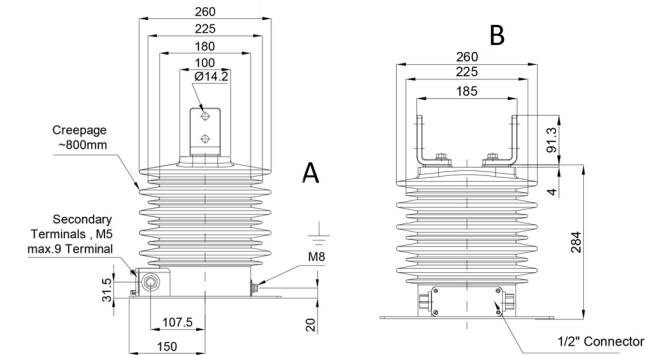


Type	AH17	
Standard	ANSI C57.13:2008/IEC 60044-1	
Highest voltage for equipment, Um (r.m.s)	(kV)	15
Test Voltages	(kV)	110
Rated frequency	(Hz)	60
Rated primary current,	(A)	Up to 1250A
Rated secondary current	(A)	5
Class and Burden	0.,15B1.8 (1% to 150% of rated primary current.	

- Technical Data:
- Outdoor, Cycloaliphatic Epoxy Resin Insulated.
- Ambient air temperature: -5°C to +40°C
- Altitude: Up to 1000 meters above sea level.
- Isokeraunic level: Min value 25, max 100
- Exposure to solar radiation: More than 2800 hours annually peaking at 1.000W/m2 for horizontal surfaces
- Max. Relative humidity: 100% / Max. Wind velocity :100km/h
- Areas of coastal salt spray and / or industrial pollution with equivalent salt deposit densities in the range 2 to 3 g/m3
- The transformer shall not be subjected to "sand storms" when mounted outdoors.
- Outer protection, such as a protection box, terminal box or cable box which is resistant to sand storms shall be used. Subjection to sand storms voids the guarantee of resin casted transformers.
- Insulation class: E

VA/CosPhi	Current ratio error in % at % of rated current						
	1	5	10	20	50	100	120
45 VA/0.9	-0.112	-0.109	-0.109	-0.102	-0.080	-0.061	-0.059
22.5 VA/0.9	-0.054	-0.052	-0.053	-0.053	-0.048	-0.038	-0.035
12.5 VA/0.9	-0.028	-0.027	-0.027	-0.028	-0.027	-0.025	-0.023
5 VA/0.9	-0.008	-0.008	-0.008	-0.009	-0.010	-0.010	-0.010
2.5 VA/0.9	-0.002	-0.002	-0.002	-0.002	-0.003	-0.004	-0.004
VA/							
VA/							
VA/							

*Sample Test Result of ALCE ERCT Using OMICRON CT Analyzer Test Equipment



Screw	M5	M8	M10	M12
Tightening Torque Nm	2-2,5	16-20	40-50	60-70

*Specification may change without prior notice