

# INDOOR SUPPORT TYPE CAST RESIN INSULATED CURRENT TRANSFORMERS

(Um=36kV BLOCK TYPES)

## Types:

ATB 30-S1 (With barrier ATB 30-S1B)

ATB 30-1

ATB 30-2 (With barrier ATB 30-2B)

ATB 30-3 (With barrier ATB 30-3B)

- Up to 3 cores.\*
- On request with capacitive layer.
- On request with barrier.
- On request height: 390 mm as ATB 30-S1H  
ATB 30-2H  
ATB 30-3H

Technical Data				
Types	ATB 30-S1	ATB 30-1	ATB 30-2	ATB 30-3
Operating voltage, Um (kV)	36***			
Rated power-frequency withstand voltage (1 minute) (kV)	70			
Rated impulse test voltage (1.2/50 μs) full wave (kV)	170			
Rated frequency (Hz)	50-60			
Primary rated current (A)	5 - 2500 (On request 3150A 1.0xIn / Cont. & Insulation class B )			
Primary reconnection (A)	2 x 5 - 2 x 600			
Secondary rated current (A)	1 - 5			
Metering classes	0,2 - 0,2S - 0,5 - 0,5S - 1 - 3 - 5 Acc. to IEC 61869-1&2			
Protection classes	5P- 10P; CI:PX Acc. to IEC 61869-1&2			
Rated short-time thermal current (Ith) (1s) (kA)	max. 1000 x In			
Rated dynamic current (Idyn) (kA)	2,5 x Ith			
Short-time load (mechanical) (N)	5000			
Insulation class	E			
Ambient temperature (°C)	-25 ..... +40 **			
Altitude (m)	1000			
Standard	According to the customer requirements			
Weight (approx.) (kg)	38-48	45-50	50-55	65

\* For more cores please contact with ESITAS for feasibility.

\*\* It can be produced according to customer's specified ambient temperature. Please contact with ESITAS for feasibility.

\*\*\* For more kV, please contact with ESITAS for feasibility.