

INDOOR SUPPORT TYPE CAST RESIN INSULATED C.T.'S TECHNICAL DRAWING  
(Um=3,6kV ..... 17,5kV NEW BLOCK TYPES)



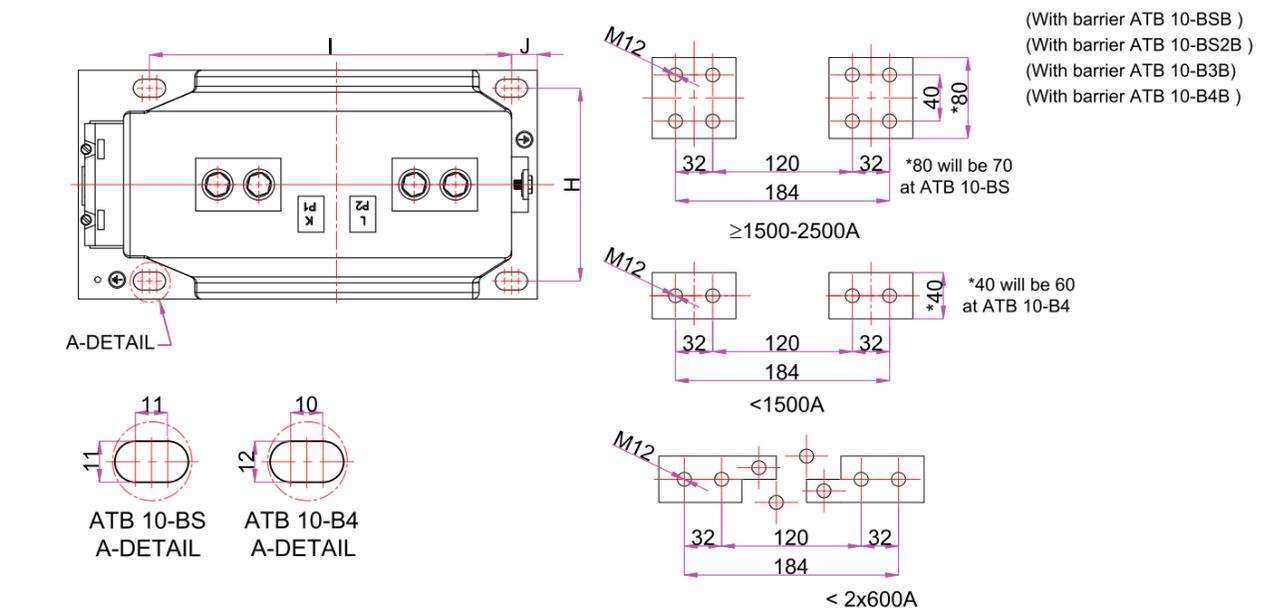
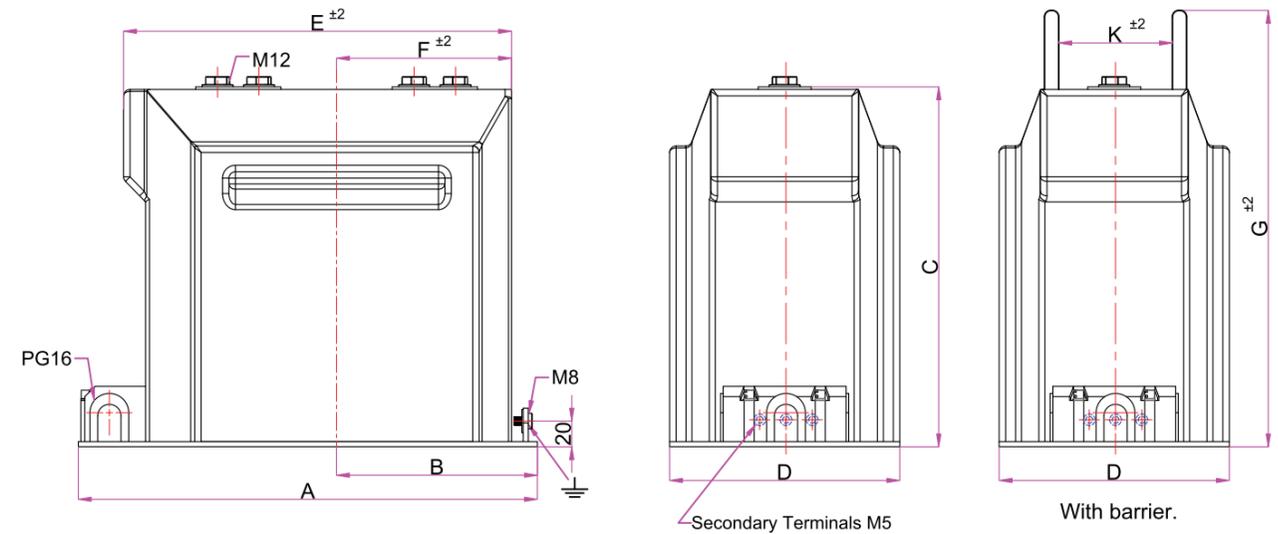
INDOOR SUPPORT TYPE CAST RESIN INSULATED CURRENT TRANSFORMERS

(Um=3,6kV ..... 17,5kV NEW BLOCK TYPES)

Types:

- ATB 10-BS (With barrier ATB 10-BSB)
- ATB 10-BS2 (With barrier ATB 10-BS2B)
- ATB 10-B3 (With barrier ATB 10-B3B)
- ATB 10-B4 (With barrier ATB 10-B4B)

- Up to 3 cores\*
- On request with capacitive layer.
- On request with barrier.



Types	A	B	C	D	E	F	G	H	I	J	K	TIGHTENING TORQUE (Nm)	min.	max.
ATB 10-BS	355	155	220	148	299	135	245	125	270	20	88	M5 (Secondary Terminal)	2.5	3.5
ATB 10-BS2	355	155	220	175	300	135	245	150	270	20	115	M8 (Ground Terminal)	15	20
ATB 10-B3	455	255	220	148	390	245	245	125	370	20	88	M12 (Primary Terminal)	60	70
ATB 10-B4	355	160	220	184	300	135	280	160	270	25	110			

- All dimensions are in mm.  
- Tolerances are according to DIN 7168-g when not specified.  
- Arteche reserves the right to change the specifications and the dimensions of the goods. Please ask for updated information.  
- Customer designed products are also available.

Technical Data				
Types	ATB 10-BS	ATB 10-BS2	ATB 10-B3	ATB 10-B4
Operating voltage, Um (kV)		3,6 7,2	12 17,5	
Rated power-frequency withstand voltage (1 minute) (kV)		10 20	28 38	
Rated impulse test voltage (1.2/50 μs) full wave (kV)		40 60	75 95	
Rated frequency (Hz)	50-60			
Primary rated current (A)	5 - 2500 (On request 3000A 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)	20 - 25	25 - 33	28 - 33	

\* For more cores please contact with ARTECHE for feasibility.  
\*\* It can be produced according to customer's specified ambient temperature. Please contact with ARTECHE for feasibility.