



# CURRENT TRANSFORMERS

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## INDOOR SUPPORT TYPE CAST RESIN INSULATED CURRENT TRANSFORMERS (Um=17.5kV ..... 24kV BLOCK TYPES)

- Types: ATB 20-B  
ATB 20-B2  
ATB 20-B4  
ATB 20-3  
ATB 20-3B  
ATB 20-3K



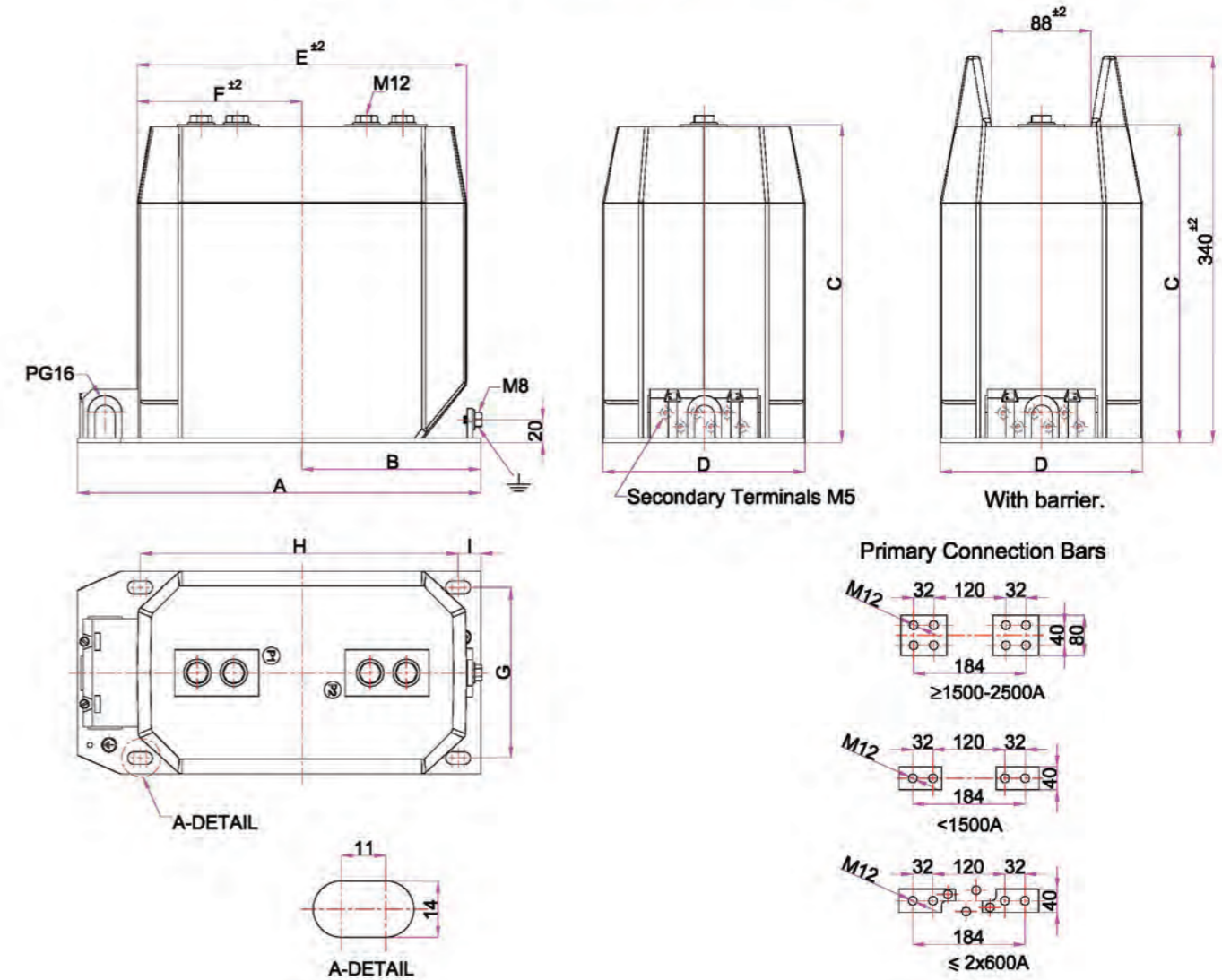
- Up to 3 cores.\*
- On request with capacitive layer.
- On request with barrier.

### Technical Data

TYPES	ATB 20-B	ATB 20-B2	ATB 20-B4	ATB 20-3	ATB 20-3B	ATB 20-3K
Operating voltage, Um (kV)		17.5		24		
Rated power-frequency withstand voltage (1 minute) (kV)		38		50		
Rated impulse test voltage (1.2/50 μs) full wave (kV)		95		125		
Rated frequency (Hz)		50-60				
Primary rated current (A)		5 - 2500 (On request 3150A 1.0xIn / Cont. B 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 61869-2				
Protection classes		5P- 10P; Cl:PX Acc. to IEC 61869-2				
Rated short-time thermal current (Ith) (Is) (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)	30	42	44	44	55	70

\* 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.

## INDOOR SUPPORT TYPE CAST RESIN INSULATED C.T.'S TECHNICAL DRAWING (Um=17.5kV ..... 24kV BLOCK TYPES)



TYPES	A	B	C	D	E	F	G	H	I
ATB 20-B	355	155	280	178	290	145	150	280	20
ATB 20-B2	355	155	280	205	290	145	180	280	17
ATB 20-B4	355	155	280	218	290	145	190	280	17
ATB 20-3	455	197	280	178	390	195	150	375	22
ATB 20-3B	455	197	280	205	390	195	180	375	22
ATB 20-3K	455	197	280	218	390	195	190	375	22

TIGHTENING TORQUE (Nm)	min.	max.
M5 (Secondary Terminal)	2.5	3.5
M8 (Ground Terminal)	15	20
M12 (Primary Terminal)	60	70

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