



Wrapped Current Transformers BCT SERIES



- **Indoor (air or oil immersion)**
- **Primary intensity from 50 to 5000 A**
- **Inner diameter Up to 700 mm**
- **Heavy insulation 0.75/4 kV**
- **Measurement and protection**

Used for the measure of AC currents from 50 to 5000 A.

Air mounted (impregnated) or oil immersed in power transformers.

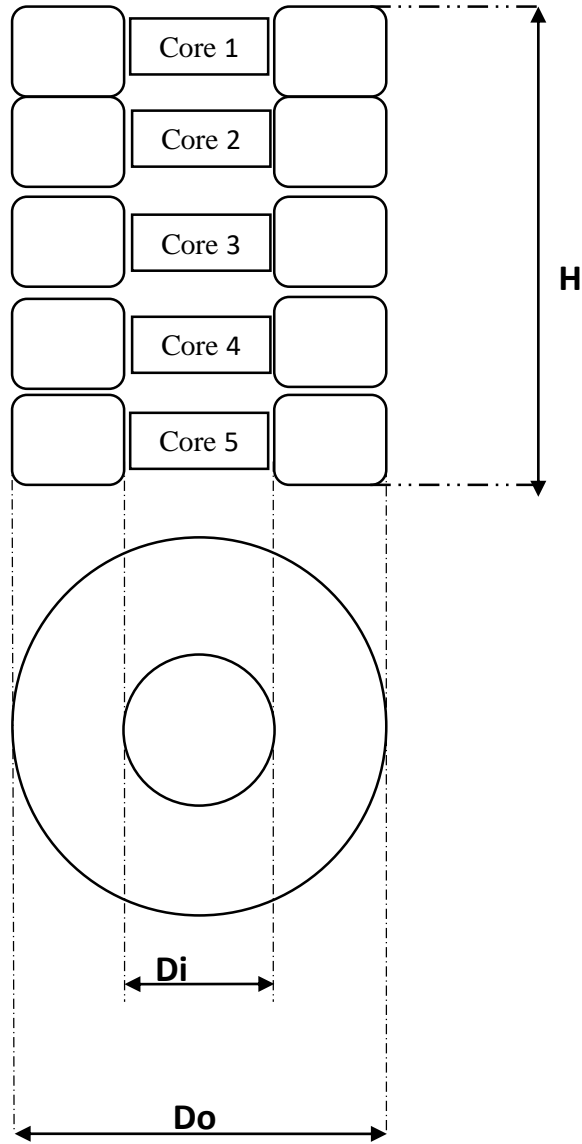
Individual mounting as several independent transformers, or as a plug & play assembly.

Each transformer is individually tested, then as a whole in the assembly work.

Flexible solution that can be customized to any client configuration.

Technical data	
Highest voltage for equipment	750 V
power-frequency withstand voltage	4000 V
primary current I _{pn}	Up to 5000A
secondary current I _{sn}	5 or 1 or 2 A
Frequency	50 or 60 Hz
Rated output	1 to 300 VA
Accuracy class	0.2 - 0.2S -0.5-0.5S-1-3-5P-10P-ClX
Security factor	5 to 30
Accuracy limit factor	5-10-15-20-30
Continuous thermal current	1.2 I _{pn}
short-time thermal current I _{th}	80 I _{pn} . 1s
Dynamic current I _{dyn}	2.5I _{th}
Insulation class	A
Altitude	1000 m
Ambient temperature	-5C° to + 40 C° -25C° to + 40 C° -40C° to + 40 C°
Standards	IEC60044-1, IEC61869-2,IEC60044-6
Other characteristics on request	
Highest voltage for equipment	Up to 2400 V
power-frequency withstand voltage	Up to 11 KV
secondary current I _{sn}	0.005 to 10 A
Frequency	1 to 10000 Hz
Multi - ratio	By secondary tapping
Multiple cores	
Continues thermal current	1.2 to 1.5I _{pn} and 2I _{pn}
Ambient temperature	Up to +110C°
Standard	ANSI C57.13 – CAN3 C13 – AS 1675
Accessories/Option	
Connection tables	According to client request
With plate	

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