



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

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}	2.5 I_{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 1.5 I_{pn} and 2 I_{pn}
Ambient temperature	Up to +110C°
Standard	ANSI C57.13 – CAN3 C13 – AS 1675

Accessories/Option

Connection tables	According to client request
With plate	

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

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

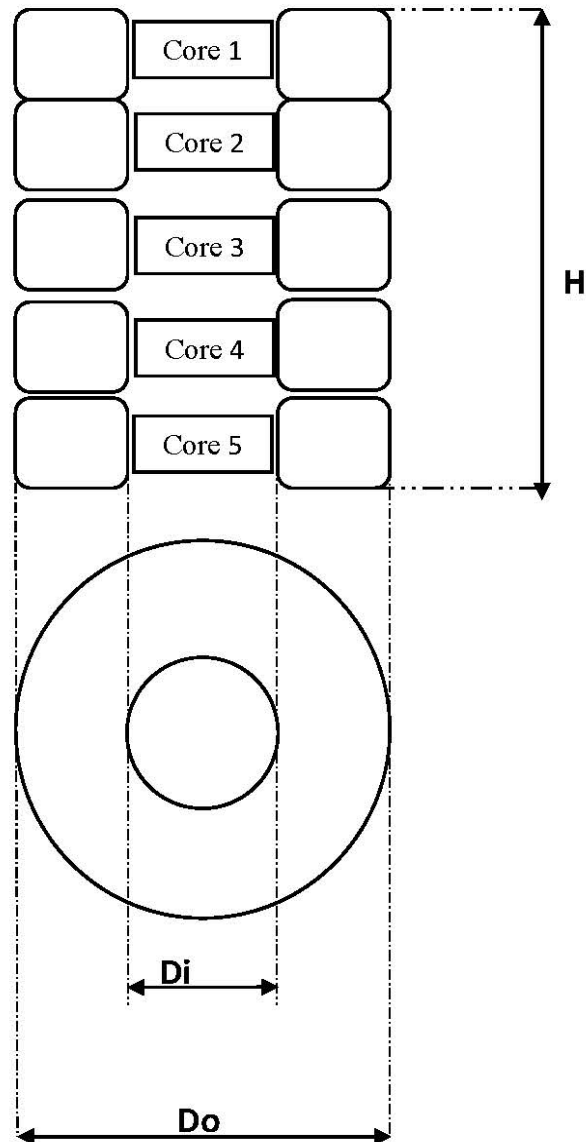
Individual mounting as several independent transformers, or as a plug & play assembly.

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

Flexible solution that can be customized to any client configuration.

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BCT SERIES



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