

BUSHING CURRENT TRANSFORMERS



**BUSHING
CURRENT TRANSFORMERS**

WITH / WITHOUT ASSEMBLED BUSHING CURRENT TRANSFORMERS

APPLICATIONS



Bushing current transformers are designed and manufactured in accordance with international standards and customer specifications with more than forty years of experience in production. Generally used in power and distribution transformers in oil, gas insulated systems or air-insulated panels to measure the primary currents between 20 and 30.000A.

According to the application area, crepe paper, woven polyester and polyester film, or their combination are used for their insulation. Production feasibilities based on dimension are as follows;

- Inner diameter $\geq 50\text{mm}$
- Outside diameter $\leq 1800\text{mm}$
- Height $\leq 500\text{mm}$
- Weight $\leq 500\text{kg}$

Each Bushing current transformer is 100% routine tested in accordance to the standard which defined on its label and are reported to our clients. Transformers can be produced as a single unit or as a set by bringing together more than one unit.

The advantages of assembly set;

1. Easy assembly,
2. All the materials are anti-magnetic
3. Different identification application for secondary (color codes, plastic labels, etc.)
4. They can be used for all measuring and protection applications.

TECHNICAL DATA

Rated primary current $I_{pr}[A]$	20.....30.000A
Rated secondary current $I_s[A]$	1A, 5A
Rated frequency	50Hz, 60Hz
Class rated burden [VA]	2,5 - 5 - 10 - 15 - 30 ...
Accuracy Class	0,2S - 0,2 - 0,5S - 0,5 - 1 - 3 / 5P - 10P - PX - etc.
Insulation Level	0,72 / 3 / - kV
Rated short-time thermal current [I _{th}]	min. 100* I_{pr}
Standard	IEC, VDE, ANSI, CAN, AS, GOST, etc.

CURRENT TRANSFORMERS FOR GIS & GENERATOR

TECHNICAL DATA

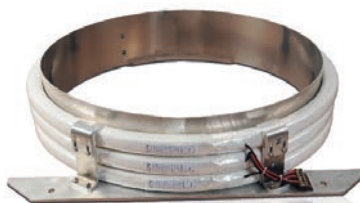
GIS current transformers are used for MV applications up to 52 kV and HV applications up to 800 kV. Generator current transformers are used for metering and protections purposes to measure high generator currents. Dimensions acc.to customer specification. They are maintenance-free for indoor applications and comply with various international standards.

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Rated secondary current I_s [A]	1A, 5A
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Accuracy class	0,2S - 0,2 - 0,5S - 0,5 - 1 - 3 / 5P - 10P - PX - etc.
Insulation level	0,72/3/-kV
Rated short-time thermal current [I _{th}]	min. 100*I _{pr}
Standard	IEC, VDE, ANSI, CAN, AS, GOST, etc.

PRODUCT OVERVIEW



GIS Type Current
Transformer



Generator Current
Transformer



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