

● Current & Potential Transformers CT & VT

Indoor Current Transformers up to 36kV

Medium Voltage Indoor Current Transformers are cast in epoxy resin and designed for insulation up to 36kV.

Features

Comprehensive range of indoor current transformers for metering, protection and special protection:

Compliance with IEC 61869-1&2 standard

Rated Current rating from 5 to 2500A

Reference voltage for isolation up to 36kV

Optimized design and performances

Standard shape

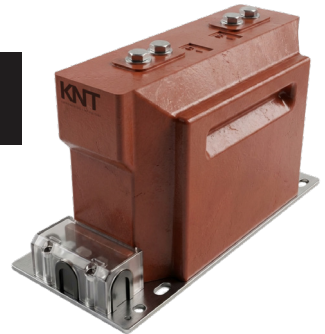
Optimized dimensions

Suitable for use in all types of MV cubicles and in harsh environments:

Metal clad units

Metal enclosed units

Environments with potentially explosive atmosphere



Technical Description:

Rated Voltage: 3.6 kV to 36 kV

Basic Insulation Level: As per relevant standard

Insulation: Class E

Rated Frequency: 50/60 Hz

Rated Continuous Thermal Current: 150 % x I_{pn}

Rated Primary Current (I_{pn}): Up to 2500 A

Basic Secondary Current (I_{sn}): 5A, 1A.

Class of Accuracy: 0.2S, 0.5S, 0.5, 1.0, 5P10, 5P20, PS

Rated Burden: Up to 30 VA

Rated Short Time Current: Up to 40 kA / 3 second

Specifications for MV current transformers

Parameter	12 KV Specification	17.5 KV Specification	24 KV Specification
Rated System Voltage (Ur)	12 kV	17.5	24 kV
Insulation Level	12/28/75kV	17.5/38/95kV	24/50/125 kV
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Primary Current (Ip)	50 A up to 2500 A (*)	50 A up to 2500 A (*)	50 A up to 2500 A (*)
Secondary Current (Is)	1or 5A	1or 5A	1or 5A
No. of secondary circuits	1 or 2 or 3 circuits	1 or 2 or 3 circuits	1 or 2 or 3 circuits
Accuracy Classes secondary (1)	0.2S - 0.5 - 0.5S	0.2S - 0.5 - 0.5S	0.2S - 0.5 - 0.5S
Accuracy Classes secondary (2)	5P10 - 5P20	5P10 - 5P20	5P10 - 5P20
Rated Burden secondary (1)	10 - 15 VA	10 - 15 VA	10 - 15 VA
Rated Burden secondary (2)	20 - 30 VA	20 - 30 VA	20 - 30 VA
Short-Time Thermal Current	31,5 kA/3 s		25 kA/3 s

Model Type	Dimension in mm		
	Width	Height	Length
HAS - 12 - A	148	355	220
HAS - 24 - A	208	350	310