

SADTEM

Douai – France

CURRENT TRANSFORMER

Transformateur de Courant

K55

Indoor / Interieur

Medium Voltage Indoor Current Transformer | Transformateur de Courant Interieur Moyenne Tension

Serial No.	95-79633X	Standard	IEC 200 IN 1S
Type	K55	Frequency	50 Hz
Rated Voltage (Um)	24 / 50 / 125 kV	Mounting	Indoor / Interieur

SECONDARY WINDINGS / ENROULEMENTS SECONDAIRES

Winding	Terminals	Ratio (A)	Burden (VA)	Accuracy Class	Application
Core 1	1S1 – 1S2	15 – 30 / 5	15 VA	Cl. 0.5	Measurement / Mesure
Core 2	2S1 – 2S2	15 – 30 / 5	10 VA	10P10	Protection

TECHNICAL SPECIFICATIONS / CARACTERISTIQUES TECHNIQUES

Insulation Level (Um)	24 / 50 / 125 kV	Primary Current Range	15 A – 30 A
Secondary Current	5 A	Rated Frequency	50 Hz
Standard	IEC 200 IN 1S	Number of Cores	2 (Dual Secondary)
Core 1 – Accuracy Class	Class 0.5 (Measurement)	Core 2 – Accuracy Class	10P10 (Protection)
Core 1 – Rated Burden	15 VA	Core 2 – Rated Burden	10 VA
Insulation Type	Epoxy Resin / Resine Epoxy	Mounting	Indoor (Interieur)
Thermal Current (Ith)	Per IEC standards	Dynamic Current (Idyn)	Per IEC standards
Service Temperature	-5°C to +40°C	Storage Temperature	-25°C to +70°C
Applicable Standards	IEC 60044-1 / IEC 61869-2	Country of Origin	France (Douai)
Manufacturer	SADTEM – Societe Anonyme de Transformateurs de Mesure		

APPLICATIONS

<ul style="list-style-type: none"> ■ Medium and high voltage substations and switchgear panels 	<ul style="list-style-type: none"> ■ Power distribution network metering and protection circuits
<ul style="list-style-type: none"> ■ Integration with digital multifunction meters (e.g. IME Nemo 96HD+) 	<ul style="list-style-type: none"> ■ Protection relay systems (overcurrent, differential, distance)
<ul style="list-style-type: none"> ■ Oil, gas, petrochemical and utility infrastructure 	<ul style="list-style-type: none"> ■ Industrial power monitoring and energy management systems (EMS/BMS)

ORDERING INFORMATION / INFORMATIONS DE COMMANDE

Catalog No.	K55	Serial No.	95-79633X
Voltage Class	24 / 50 / 125 kV	Current Ratio	15–30 / 5 A
No. of Cores	2	Type	Indoor Epoxy Resin

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