

2.1 Innenraum Stützerstromwandler Indoor Current Transformers

2.1.1 INNENRAUM STÜTZERSTROMWANDLER SGS-REIHE

Innenraum Stützerstromwandler 12 – 36 kV

Die Stromwandler der Typenreihe SGS sind wartungsfreie Gießharzwandler für Innenraum-Anwendungen und entsprechen diversen nationalen und internationalen Vorschriften (IEC 61869-2, VDE 0414, DIN 42600, ANSI, GOST etc.).

2.1.1 SUPPORT TYPE CURRENT TRANSFORMERS SERIES SGS

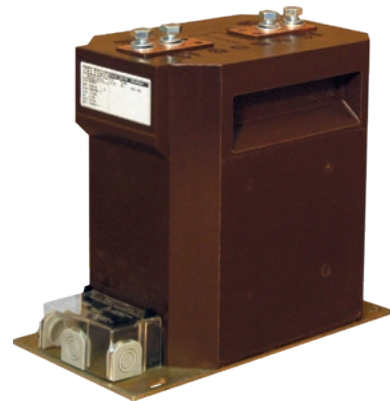
Indoor Current Transformers 12 – 36 kV

The current transformers series SGS are maintenance-free cast-resin transformers for indoor application. They comply with various national and international standards (IEC 61869-2, VDE 0414, DIN 42600, ANSI, GOST etc.).

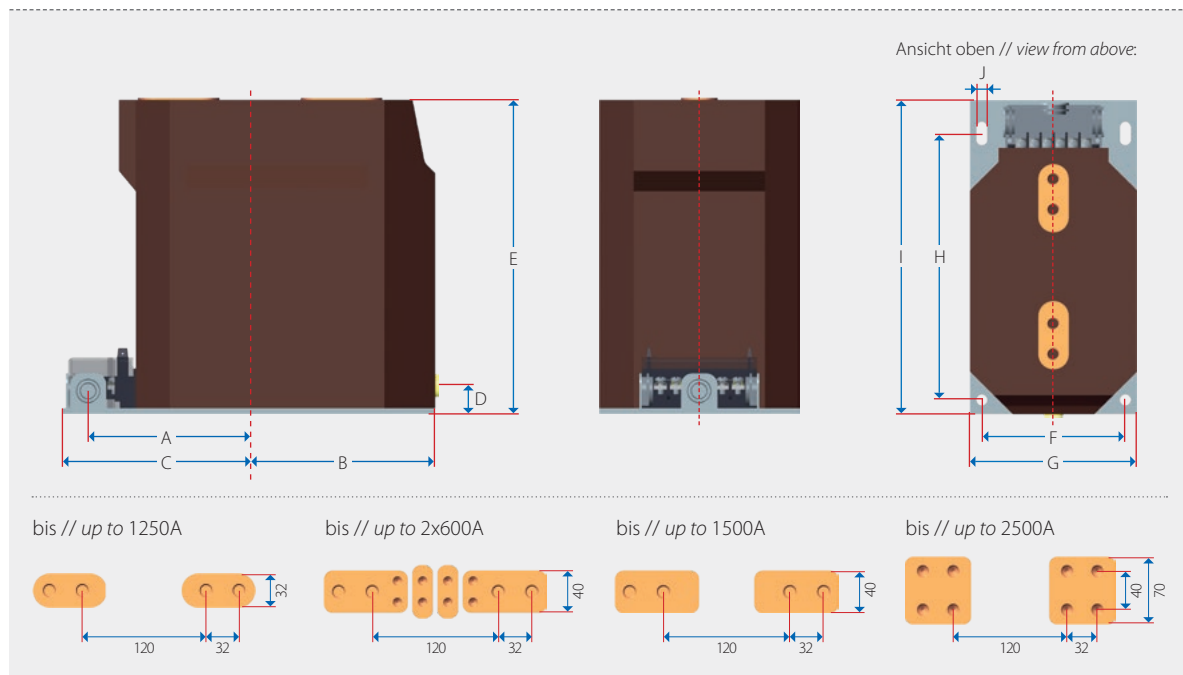
DATENBLATT // DATA SHEET

TYP // TYPE	SGS 10/0	SGS 10/1	SGS 10/2	SGS 20/0	SGS 20/1	SGS 20/2	SGS 20/B	SGS 30/0	SGS 30/1
BEMESSUNGSDATEN STANDARDAUSFÜHRUNG // STANDARD RATED VALUES									
Max. primäre Bem.-Stromstärke <i>max. rated primary current</i>	2500 A								
Sekundäre Bem.-Stromstärke <i>rated secondary current</i>	1 A; 5 A								
Therm. Bem.-Dauerstromstärke <i>rated continuous thermal current</i>	100 ... 200% x I _N								
Isolationsniveau <i>insulation level</i>	12 – 36 kV								
Therm. Bem.-Kurzzeitstromstärke <i>rated short time thermal current</i>	min. 100 x I _N ... max. 100 kA / 1s								
Bem.-Stromstoßstärke <i>rated short time thermal current</i>	2.5 x I _{th} ... max. 120 kA								
Bemessungsfrequenz <i>rated frequency</i>	16 ² / ₃ ... 50 ... 60 Hz								
WANDLERKERNE // CORE CHARACTERISTICS									
Max. Anzahl der Kerne <i>number of cores</i>	4								
Bem.-Leistung (Normwerte) <i>rated output burden</i>	5 / 10 / 15 / 30 ... VA								
Norm-Genauigkeitsklassen <i>rated accuracy class</i>	0.2 / 0.2S / 0.5 / 0.5S / 1 / 3 / 5P / 10P								

Andere Daten auf Anfrage möglich
Other specification possible on request



ABMASSE // DIMENSIONS



TYP // TYPE	SGS 10-0	SGS 10-1	SGS 10-2	SGS 20-0	SGS 20-1	SGS 20-2	SGS 20-B	SGS 30-0	SGS 30-1
-------------	----------	----------	----------	----------	----------	----------	----------	----------	----------

ABMESSUNGEN (mm) // DIMENSIONS (mm)

A	150	152	264,5	-	-	272	175	152	192
B	93	150	152,5	92,5	155	162	259	155	170
C	232	175	302,5	147,5	175	295	198	175	215
D	20	20	20	20	20	20	20	20	20
E	220	220	220	250	280	280	280	350	390
F	125	125	125	155	150	150	150	150	221
G	148	148	148	175	175	175	175	175	250
H	212	276	395	155	280	381,5	280	280	300
I	250	325	455	240	330	457	330	330	385
J	11	11	11	11	11	14	14	11	14
Gewicht ca. Weight approx.	16 kg	20 kg	30 kg	20 kg	28 kg	42 kg	34 kg	40 kg	53 kg