SIEMENS

Data sheet 5SV8701-0KK

Siemens EcoTech

Summation current transformer 30 mm



Model	
product brand name	SENTRON
product designation	summation current transformer
design of the product	type A
residual current (Idn) minimum	30 mA
internal diameter of summation current transformer	30 mm
wire length maximum	10 m
protection class IP at connection all terminals	IP20
type of voltage of the operating voltage for actuation	AC
surge voltage resistance rated value	4 kV
operating voltage rated value	
• maximum	720 V
Main circuit	
operating frequency rated value	
• minimum	50 Hz
• maximum	60 Hz
operational current rated value	63 A
Control current	
control supply voltage	
• at AC at 50 Hz rated value maximum	720 V
• at AC at 60 Hz rated value maximum	720 V
Suitability	
suitability for use	for AC power system
Product function	
product function error memory	No
Connections	
type of connectable conductor cross-sections	0.13 mm² 2.1 mm²
type of electrical connection	screw terminal
Mechanical Design	
height	32 mm
width	59 mm
depth	70 mm
Net Weight	92 g
Environmental conditions	
influence of the surrounding temperature	Max. 95% humidity
ambient temperature during operation	

Subject to change without notice
© Copyright Siemens

● minimum	-10 °C
● maximum	50 °C
ambient temperature during storage	
● minimum	-20 °C
● maximum	70 °C

Certificates

reference code according to IEC 81346-2	T

Approvals Certificates

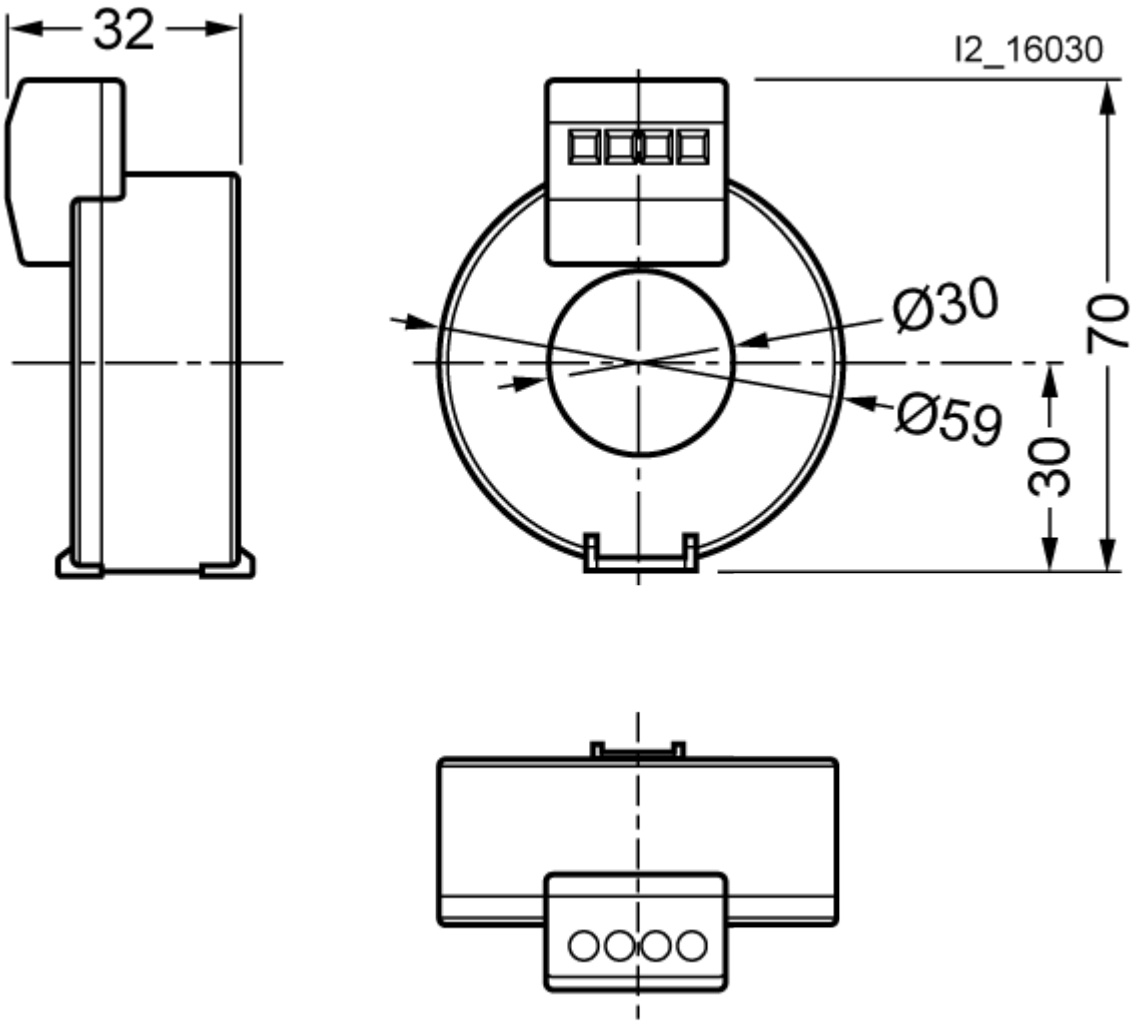
Environment		General Product Approval		
Environmental Confirmations	Environmental Confirmations	Siemens EcoTech	cULus	EAC	Confirmation

General Product Approval		other	
CE EG-Konf.	UKCA	Confirmation	产品合格 QC PASS

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SV8701-0KK
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5SV8701-0KK
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV8701-0KK
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/5SV8701-0KK

Subject to change without notice
© Copyright Siemens



last modified: 3/18/2026

Subject to change without notice
© Copyright Siemens

Subject to change without notice
© Copyright Siemens