

current transformer 800 A/1 A, 10 VA, Cl. 0.5

Model	
product brand name	SETRON
product designation	Current transformer
design of the product	Bushing-type current transformers
product quality calibrated	No
size of the current transformer	4
operating apparent power rated value	10 VA
operating voltage	0.72 kV
insulation voltage rated value	3 kV
designation of overcurrent limiting factor	FS 5
operational current rated value maximum	960 A
current	
• at input rated value	800 A
• at output rated value	1 A
accuracy class of the current transformer	class 0.5
value range of the operating frequency	50/60 Hz
Protection class	
protection class IP	IP20
suitability for use for outside use	No
suitability for use for interior use	Yes
product feature touch protection	Yes
Connections	
type of electrical connection at output	screw-type terminals
Mechanical Design	
height	127.5 mm
height of the opening	36 mm
width	112 mm
width of the push-through bus bar	
• at 1 bus bar maximum	64 mm
• in case of 2 bus bars maximum	51 mm
depth	77 mm
fastening method	screw fixing
diameter of inlet opening	41 mm
outer diameter of the push-through conductor maximum	41 mm
Net Weight	1.057 kg
Environmental conditions	
ambient temperature during operation	
• minimum	-30 °C
• maximum	55 °C

ambient temperature during storage

- minimum
- maximum

-30 °C
70 °C

Approvals Certificates

General Product Approval	other	Environment
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[Confirmation](#)

[Environmental Confirmations](#)

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=4NC5431-0DH21>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/4NC5431-0DH21>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

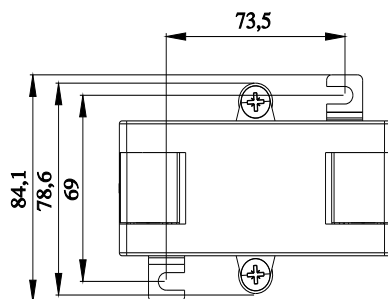
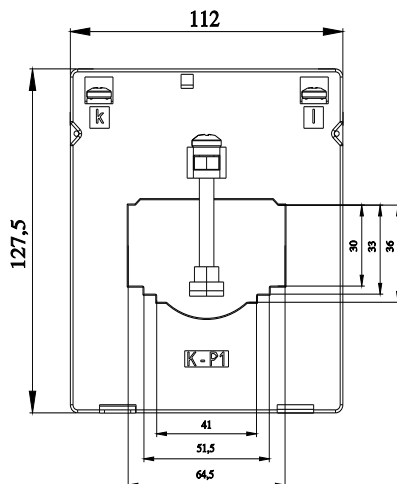
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4NC5431-0DH21

CAX-Online-Generator

<https://www.siemens.com/cax>

Tender specifications

<https://www.siemens.com/specifications>



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