



Figure similar

accessory for Switch disconnecter with fuses In-line design, pluggable current transformer 500/1 A, Cl. 0.5, legal-for-trade calibrated, 5 VA

Model	
product brand name	SENTRON
product designation	Current transformer
design of the product	accessory for switch disconnecter with fuses 3NJ6
product quality calibrated	Yes
operating apparent power rated value	5 VA
operating voltage	0.72 kV
insulation voltage rated value	3 kV
designation of overcurrent limiting factor	FS 5
operational current rated value maximum	600 A
current	
• at input rated value	500 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
Short circuit	
formula for rated short-time thermal current (I _{th}) for 1 s according to IEC 61869-2	60 x I _{pr}
formula for rated dynamic current (I _{dyn}) according to IEC 61869-2	2.5 x I _{th} or 150 x I _{pr}
Connections	
type of electrical connection at output	screw-type terminals
Mechanical Design	
height	88.5 mm
width	70 mm
depth	58 mm
fastening method	mounting
diameter of inlet opening	32 mm
outer diameter of the push-through conductor maximum	32 mm
Net Weight	0.37 g
Environmental conditions	
ambient temperature during operation	
• minimum	-10 °C

• maximum

55 °C

Approvals Certificates

Environment	General Product Approval	EMV
-------------	--------------------------	-----

[Environmental Con-
firmations](#)



[Confirmation](#)



Test Certificates

other

[Type Test Certi-
ficates/Test Report](#)

[Confirmation](#)



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=3NJ6940-3BK13>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NJ6940-3BK13>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ6940-3BK13

CAX-Online-Generator

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

Tender specifications

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

Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP="HAUPT"></mmp_prod_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)

last modified:

6/13/2025

