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SIEMENS

Data sheet 5SV8701-2KK

Summation current transformer type B, 35 mm, 30 mA 1A



Model	
product brand name	SENTRON
product designation	summation current transformer
design of the product	Type B
residual current (Idn) minimum	10 mA
internal diameter of summation current transformer	35 mm
symmetrical tolerance of supply voltage at DC	12 V
wire length maximum	10 m
protection class IP at connection all terminals	IP20
apparent power consumption maximum	2.5 VA
type of voltage of the operating voltage for actuation	AC/DC
surge voltage resistance rated value	8 kV
operating voltage rated value	
● maximum	690 V
Main circuit	
operating frequency rated value	
● minimum	0 Hz
● maximum	2 000 Hz
operational current rated value	80 A
Control current	
control supply voltage	
● at AC at 50 Hz rated value maximum	690 V
● at AC at 60 Hz rated value maximum	690 V
Suitability	
suitability for use	for AC and DC systems
Product function	
product function error memory	No
Connections	
type of connectable conductor cross-sections	6 x 0.75 mm²
type of electrical connection	Plug-in terminal
Mechanical Design	
height	55 mm
width	99.5 mm
depth	79.2 mm
net weight	340 g
Environmental conditions	
influence of the surrounding temperature	Max. 95% humidity
ambient temperature during operation	
● minimum	-10 °C
● maximum	55 °C

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ambient temperature during storage	
● minimum	-10 °C
● maximum	55 °C

Certificates

reference code	
● according to EN 61346-2	T
● according to IEC 81346-2	T

Approvals Certificates

General Product Approval		Declaration of Conformity		other	
Confirmation	EAC	CE EG-Konf.	UKCA	Confirmation	Miscellaneous

Environment

Environmental Confirmations

Further information

Siemens has decided to exit the Russian market (see here).
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business
Siemens is working on the renewal of the current EAC certificates.
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SV8701-2KK
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5SV8701-2KK
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV8701-2KK
CAx-Online-Generator
http://www.siemens.com/cax
Tender specifications
http://www.siemens.com/specifications

last modified: 8/13/2023

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