

TRANSFORMER SITAS; PHASES:1; PN/PN(S6)(KVA):0,1 /0,31; UPRI(V):500+/-5%; USEC(V):110; ISEC(A):0,909; F(HZ):50...60; VECTOR GR./SHIELD WNG.:II0 /0; TA/ISOKL:40 /B; IP00; TYPE OF TERMINALS:SCREW/TAB CONNECTION; INSTALLATION:SCREWS/MOUNTING RAILS; EN 61558-2-1, -2-2, -2-4 >UL/CSA-RECOGNIZED< >CONTROL CIRCUIT TRANSFORMER< >ISOLATION TRANSFORMER<

General technical data			
product designation		transformer SITAS	
product brand name		SIDAC	
operating apparent power rated value	VA	100	
efficiency		0.86	
connection method for transformers		II0	
certificate of suitability		CE	
product function			
• temperature monitoring		No	
• insulation monitoring		No	
• short-circuit and overload proof		No	
number of shielding windings		0	
short-term vector power	VA	310	
relative short-circuit voltage	%	7.7	
Inputs			
phase number of the inputs		1	
input voltage			
• _1 rated value	V	525	
• _2 rated value	V	500	
• _3 rated value	V	475	
electrical input frequency			
• minimum	Hz	50	
• maximum	Hz	60	
Outputs			
phase number of the outputs		1	
output voltage			
• _1 rated value	V	110	
electrical output frequency			
• maximum	Hz	60	
• minimum	Hz	50	
Ambient conditions			
thermal class according to IEC 60085		B	
ambient temperature rated value	°C	40	
protection class IP		IP00	
Mechanical data			
type of electrical connection			
• at output for main current circuit		screw-type terminals / tab terminals	
• at input for main current circuit		screw-type terminals / tab terminals	
fastening method		screws / DIN rail	
construction form of the iron core		EI 84/42	
width	m	0.086	
height	m	0.098	
depth	m	0.102	
Certificates/ approvals			
General Product Approval	Declaration of Conformity	Marine / Shipping	other



[Confirmation](#)

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,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=4AM3442-5FJ10-0FA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM3442-5FJ10-0FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM3442-5FJ10-0FA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM3442-5FJ10-0FA0&lang=en

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