



Figure similar

TRANSFORMER SITAS; PHASES:1; PN/PN(S6)(KVA):0,1 /0,31; UPRI(V):550-525-500-480-460- 440-415-400-380-230-208; USEC(V):2X115; ISEC(A):0,435-0,87; 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 / cRUus
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	%	9.43
Inputs		
phase number of the inputs		1
input voltage		
• _1 rated value	V	550
• _2 rated value	V	525
• _3 rated value	V	500
• _4 rated value	V	480
• _5 rated value	V	460
• _6 rated value	V	440
• _7 rated value	V	415
• _8 rated value	V	400
• _9 rated value	V	380
• _10 rated value	V	230
• _11 rated value	V	208
electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60
Outputs		
phase number of the outputs		1
output voltage		
• _1 rated value	V	230
• _2 rated value	V	115
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			
<ul style="list-style-type: none"> <li>at output for main current circuit</li> <li>at input for main current circuit</li> </ul>		screw-type terminals / tab terminals 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=4AM3442-8DD40-0FA0>

Cax online generator  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM3442-8DD40-0FA0>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/4AM3442-8DD40-0FA0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM3442-8DD40-0FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM3442-8DD40-0FA0&lang=en)

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