

TRANSFORMER SITAS;  
 PHASES:1;  
 PN/PN(S6)(KVA):0,16 /0,49;  
 UPRI(V):550-525-500-480-460- 440-415-400-380-230-208;  
 USEC(V):42;  
 ISEC(A):3,81;  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:li0 /0;  
 TA/ISOKL:40 /B;  
 IP00;  
 TYPE OF TERMINALS:SCREW/TAB CONNECTION;  
 INSTALLATION:SCREWS/MOUNTING RAILS;  
 EN 61558-2-2, -2-6

**General technical details:**

<b>Product designation</b>		transformer SITAS
<b>product brand name</b>		SIDAC
<b>Operating apparent output / rated value</b>	V·A	160
<b>Efficiency</b>		0.86
<b>Manner of switching for transformers</b>		li0
<b>Verification of suitability</b>		CE
<b>Product function</b>		
• temperature surveillance		No
• isolation control		No
• short circuit and overload protection		No
<b>Number of the protective coils</b>		0
<b>Short-term vector power</b>	V·A	490
<b>Relative short-circuit voltage</b>	%	7.7

**Inputs:**

<b>Phase number / of the inputs</b>		1
<b>Input voltage</b>		
• _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
<b>Electrical input frequency</b>		
• minimum	Hz	50
• maximum	Hz	60

#### Outputs:

<b>Phase number / of the outputs</b>		1
<b>Output voltage</b>		
• _1 / rated value	V	24
<b>Electrical output frequency</b>		
• maximum	Hz	60
• minimum	Hz	50




#### Ambient conditions:

<b>Thermal class / according to IEC 60085</b>		B
<b>Ambient temperature / rated value</b>	°C	40
<b>Protection class IP</b>		IP00

#### Mechanical design:

<b>Design of the electrical connection</b>		
• secondary side / for main current circuit		screw-type terminals / tab terminals
• at the input / for main current circuit		screw-type terminals / tab terminals
<b>Mounting type</b>		screws / standard rail
<b>Construction form of the iron core</b>		EI 96/44
<b>Width</b>	m	0.098
<b>Height</b>	m	0.106
<b>Depth</b>	m	0.104

#### Certificates/approvals:

General Product Approval	Shipping Approval	other
	 GOST	 PRS
		<a href="#">other</a>

#### Further information:

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

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**CAX-Online-Generator**

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

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

<http://support.automation.siemens.com/WW/view/en/4AM3842-8DV00-0EA0/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=4AM3842-8DV00-0EA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM3842-8DV00-0EA0)

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**last change:**

Dec 5, 2011