

TRANSFORMER SITAS;  
 PHASES:1;  
 PN/PN(S6)(KVA):0,315 /1,12;  
 UPRI(V):600-575-550-525-500- 480-460-440-415-400-240-230;  
 USEC(V):24;  
 ISEC(A):13,1;  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:li0 /0;  
 TA/ISOKL:40 /B;  
 IP00;  
 TYPE OF TERMINALS:SCREW/TAB CONNECTION;  
 INSTALLATION:MOUNTING RAILS;  
 EN 61558-2-2,  
 -2-6 >UL/CSA-RECOGNIZED< >CONTROL CIRCUIT TRANSFORMER< >SAFETY ISOLATING TRANSFORMER<

**General technical details:**

<b>Product designation</b>		transformer SITAS
<b>product brand name</b>		SIDAC
<b>Operating apparent output / rated value</b>	V·A	315
<b>Efficiency</b>		0.9
<b>Manner of switching for transformers</b>		li0
<b>Verification of suitability</b>		CE / cRUus
<b>Product function</b>		
<ul style="list-style-type: none"> <li>• temperature surveillance</li> </ul>		No
<ul style="list-style-type: none"> <li>• isolation control</li> </ul>		No
<ul style="list-style-type: none"> <li>• short circuit and overload protection</li> </ul>		No
<b>Number of the protective coils</b>		0
<b>Short-term vector power</b>	V·A	1,120

**Inputs:**

<b>Phase number / of the inputs</b>		1
<b>Input voltage</b>		
<ul style="list-style-type: none"> <li>• _1 / rated value</li> </ul>	V	600
<ul style="list-style-type: none"> <li>• _2 / rated value</li> </ul>	V	575
<ul style="list-style-type: none"> <li>• _3 / rated value</li> </ul>	V	550
<ul style="list-style-type: none"> <li>• _4 / rated value</li> </ul>	V	525
<ul style="list-style-type: none"> <li>• _5 / rated value</li> </ul>	V	500

• _6 / rated value	V	480
• _7 / rated value	V	460
• _8 / rated value	V	440
• _9 / rated value	V	415
• _10 / rated value	V	400
• _11 / rated value	V	240
• _12 / rated value	V	230
<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>		standard rail
<b>Construction form of the iron core</b>		EI 105/60
<b>Width</b>	m	0.107
<b>Height</b>	m	0.111
<b>Depth</b>	m	0.12

Certificates/approvals:			
<b>General Product Approval</b>	<b>Shipping Approval</b>	<b>other</b>	
	 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>

---

**CAX-Online-Generator**

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

---

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

<http://support.automation.siemens.com/WW/view/en/4AM4342-8EN00-0EB0/all>

---

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=4AM4342-8EN00-0EB0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM4342-8EN00-0EB0)

---

**last change:**

Dec 5, 2011