

TRANSFORMER SITAS;  
 PHASES:1;  
 PN/PN(S6)(KVA):5 /18,5;  
 UPRI(V):400+/-5%;  
 USEC(V):110;  
 ISEC(A):45,5;  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:li0 /0;  
 TA/ISOKL:55 /H;  
 IP00;  
 TYPE OF TERMINALS:SCREW CONNECTION;  
 INSTALLATION:SCREW;  
 EN 61558-2-1, -2-2,  
 -2-4 >UL/CSA-RECOGNIZED< >CONTROL CIRCUIT  
 TRANSFORMER< >ISOLATION 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	5,000
<b>Efficiency</b>		0.94
<b>Manner of switching for transformers</b>		li0
<b>Verification of suitability</b>		CE / cRUus
<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	19,000
<b>Relative short-circuit voltage</b>	%	3.9

**Inputs:**

<b>Phase number / of the inputs</b>		1
<b>Input voltage</b>		
• _1 / rated value	V	420
• _2 / rated value	V	400
• _3 / rated value	V	380
<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	110
<b>Electrical output frequency</b>		
• maximum	Hz	60
• minimum	Hz	50

**Ambient conditions:**

<b>Thermal class / according to IEC 60085</b>		H
<b>Ambient temperature / rated value</b>	°C	55
<b>Protection class IP</b>		IP00

**Mechanical design:**

<b>Design of the electrical connection</b>		
• secondary side / for main current circuit		screw-type terminals
• at the input / for main current circuit		screw-type terminals
<b>Mounting type</b>		screws
<b>Construction form of the iron core</b>		UI 180/75
<b>Width</b>	m	0.194
<b>Height</b>	m	0.32
<b>Depth</b>	m	0.169

**Certificates/approvals:**

General Product Approval

Shipping Approval

other



GOST



PRS

[Declaration of Conformity](#)
[other](#)
**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/4AT3612-5AJ10-0FA0/all>
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=4AT3612-5AJ10-0FA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AT3612-5AJ10-0FA0)
**last change:**

Dec 5, 2011