

TRANSFORMER SITAS;  
 PHASES:1;  
 PN/PN(S6)(KVA):0,236 /1,12;  
 UPRI(V):230+/-5%;  
 USEC(V):24;  
 ISEC(A):10;  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:li0 /0;  
 TA/ISOKL:40 /B;  
 IP54;  
 TYPE OF TERMINALS:SCREW/TAB CONNECTION;  
 INSTALLATION:SCREW;  
 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	236
<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
<b>Relative short-circuit voltage</b>	%	5

**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	242
<ul style="list-style-type: none"> <li>_2 / rated value</li> </ul>	V	230
<ul style="list-style-type: none"> <li>_3 / rated value</li> </ul>	V	218
<b>Electrical input frequency</b>		
<ul style="list-style-type: none"> <li>minimum</li> </ul>	Hz	50

- maximum

Hz 60

#### Outputs:

**Phase number / of the outputs**

1

**Output voltage**

- \_1 / rated value

V

24

**Electrical output frequency**

- maximum
- minimum

Hz

60

Hz

50

#### Ambient conditions:

**Thermal class / according to IEC 60085**

B

**Ambient temperature / rated value**

°C

40

**Protection class IP**

IP54

#### Mechanical design:

**Design of the electrical connection**

- secondary side / for main current circuit
- at the input / for main current circuit

screw-type terminals / tab terminals

screw-type terminals / tab terminals

**Mounting type**

screws

**Construction form of the iron core**

EI 105/60

**Width**

m

0.244

**Height**

m

0.245

**Depth**

m

0.23

#### Certificates/approvals:

**General Product Approval**

**Shipping Approval**

**other**



[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/4AM4342-4TN00-0ED0/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=4AM4342-4TN00-0ED0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM4342-4TN00-0ED0)

last change:

Dec 5, 2011