

TRANSFORMER SITAS;  
 PHASES:3;  
 PN/PN(S6)(KVA):5,6 /32;  
 UPRI(V):Y500-400/D289-230;  
 USEC(V):Y 400 / D 230;  
 ISEC(A):8,1;  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:IIIIII0 /0;  
 TA/ISOKL:55 /H;  
 IP54;  
 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	5,600
<b>Efficiency</b>		0.94
<b>Manner of switching for transformers</b>		IIIIII0
<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	32,000
<b>Relative short-circuit voltage</b>	%	3.6

**Inputs:**

<b>Phase number / of the inputs</b>		3
<b>Input voltage</b>		
<ul style="list-style-type: none"> <li>• _1 / rated value</li> </ul>	V	500
<ul style="list-style-type: none"> <li>• _2 / rated value</li> </ul>	V	400
<ul style="list-style-type: none"> <li>• _3 / rated value</li> </ul>	V	289
<ul style="list-style-type: none"> <li>• _4 / rated value</li> </ul>	V	230
<b>Electrical input frequency</b>		
<ul style="list-style-type: none"> <li>• minimum</li> </ul>	Hz	50

- maximum

Hz	60
----	----

### Outputs:

<b>Phase number / of the outputs</b>		3
--------------------------------------	--	---

<b>Output voltage</b>		
-----------------------	--	--

- \_1 / rated value
- \_2 / rated value

V	400
V	230

<b>Electrical output frequency</b>		
------------------------------------	--	--

- maximum
- minimum

Hz	60
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>		IP54
----------------------------	--	------

### Mechanical design:

<b>Design of the electrical connection</b>		
--	--	--

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

screw-type terminals
screw-type terminals

<b>Mounting type</b>		screws
----------------------	--	--------

<b>Construction form of the iron core</b>		3UI 180/75
---	--	------------

<b>Width</b>	m	0.46
--------------	---	------

<b>Height</b>	m	0.555
---------------	---	-------

<b>Depth</b>	m	0.465
--------------	---	-------

### Certificates/approvals:

<b>General Product Approval</b>	<b>Shipping Approval</b>	<b>other</b>
---------------------------------	--------------------------	--------------



[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/4AU3612-8BC40-0HD0/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=4AU3612-8BC40-0HD0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AU3612-8BC40-0HD0)

last change:

Dec 5, 2011