

TRANSFORMER SITAS; PHASES:1;  
 PN/PN(S6)(KVA):1,6 /7,3; UPRI(V):230+/-5%;  
 USEC(V):230; ISEC(A):6,96; F(HZ):50...60; VECTOR  
 GR./SHIELD WNG.:II0 /0; TA/ISOKL:40 /B; IP00; TYPE  
 OF TERMINALS:CAGE-CLAMP;  
 INSTALLATION:SCREW; EN 61558-2-1, -2-2, -2-4  
 >UL/CSA-RECOGNIZED< >CONTROL CIRCUIT  
 TRANSFORMER< >ISOLATION TRANSFORMER<

General technical data:

Product designation		transformer SITAS
Product brand name		SIDAC
Operating apparent output rated value	V·A	1 600
Efficiency		0.96
Connection method for transformers		II0
Certificate of suitability		CE / cRUus
Product function		
• Temperature monitoring		No
• Insulation monitoring		No
• Short-circuit and overload proof		No
Number of shielding windings		0
Short-term vector power	V·A	7 300
Relative short-circuit voltage	%	2.1

Inputs:

Phase number of the inputs		1
Input voltage		
• _1 rated value	V	242
• _2 rated value	V	230
• _3 rated value	V	218
Electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60

Outputs:

Phase number of the outputs		1
Output voltage		
• _1 rated value	V	230
Electrical output frequency		
• maximum	Hz	60
• minimum	Hz	50

### Ambient conditions:

Thermal class acc. to IEC 60085		B
Ambient temperature rated value	°C	40
Protection class IP		IP00

### Mechanical data:

Type of electrical connection		
<ul style="list-style-type: none"> <li>at output for main current circuit</li> <li>at input for main current circuit</li> </ul>		Cage-Clamp terminals Cage Clamp terminals
Mounting type		screws
Construction form of the iron core		EI 174/82
Width	m	0.176
Height	m	0.164
Depth	m	0.138

### Certificates/ approvals:

General Product Approval	Declaration of Conformity	Shipping Approval	other
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[Miscellaneous](#)



[Confirmation](#)

### Further information

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

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

**Industry Mall (Online ordering system)**

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

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM6142-4TT10-0FA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM6142-4TT10-0FA1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM6142-4TT10-0FA1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM6142-4TT10-0FA1&lang=en)

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