



TRANSFORMER SITAS; PHASES:1;  
 PN/PN(S6)(KVA):0,1 /0,31; UPRI(V):400+/-5%;  
 USEC(V):230; ISEC(A):0,43; F(HZ):50...60; VECTOR  
 GR./SHIELD WNG.:II0 /0; TA/ISOKL:40 /B; IP00; TYPE  
 OF TERMINALS:SCREW/TAB CONNECTION;  
 INSTALLATION:SCREWS/MOUNTING RAILS; EN  
 61558-2-1, -2-2, -2-4 >UL/CSA-RECOGNIZED<  
 >CONTROL CIRCUIT TRANSFORMER< >ISOLATION  
 TRANSFORMER<

Figure similar

General technical data		
Product designation		transformer SITAS
Product brand name		SIDAC
Operating apparent output rated value	V·A	100
Efficiency		0.86
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	310
Relative short-circuit voltage	%	8.28
Inputs		
Phase number of the inputs		1
Input voltage		

• _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	230
<b>Electrical output frequency</b>		
• maximum	Hz	60
• minimum	Hz	50

### Ambient conditions

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

### Mechanical data

<b>Type of electrical connection</b>		
• at output for main current circuit		screw-type terminals / tab terminals
• at input for main current circuit		screw-type terminals / tab terminals
<b>Mounting type</b>		screws / standard rail
<b>Construction form of the iron core</b>		EI 84/42
<b>Width</b>	m	0.086
<b>Height</b>	m	0.098
<b>Depth</b>	m	0.102

### Certificates/ approvals

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



[Confirmation](#)

### Further information

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

<https://www.siemens.com/ic10>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=4AM3442-5AT10-0FA0>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM3442-5AT10-0FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM3442-5AT10-0FA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM3442-5AT10-0FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM3442-5AT10-0FA0&lang=en)

**last modified:**

02/26/2020