



TRANSFORMER SITAS; PHASES:1;  
 PN/PN(S6)(KVA):0,5 /2,02; UPRI(V):110; USEC(V):110;  
 ISEC(A):4,545; F(HZ):50...60; VECTOR GR./SHIELD  
 WNG.:II0 /0; TA/ISOKL:40 /B; IP00; TYPE OF  
 TERMINALS:SCREW/TAB CONNECTION;  
 INSTALLATION:SCREW; EN 61558-2-2, -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	500
Efficiency		0.91
Connection method for transformers		li0
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	2 020
Relative short-circuit voltage	%	4.597
Inputs		
Phase number of the inputs		1
Input voltage		

• _1 rated value	V	110
<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 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
<b>Construction form of the iron core</b>		EI 120/72
<b>Width</b>	m	0.122
<b>Height</b>	m	0.121
<b>Depth</b>	m	0.134

### Certificates/ approvals

<b>General Product Approval</b>	<b>Declaration of Conformity</b>	<b>Shipping Approval</b>	<b>other</b>
---------------------------------	----------------------------------	--------------------------	--------------



[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=4AM4842-1JJ10-0FA0>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM4842-1JJ10-0FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM4842-1JJ10-0FA0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM4842-1JJ10-0FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM4842-1JJ10-0FA0&lang=en)

last modified:

12/30/2019