



Figure similar

TRANSFORMER SITAS; PHASES:1;  
 PN/PN(S6)(KVA):0,1 /0,31; UPRI(V):230+/-5%;  
 USEC(V):42; ISEC(A):2,38; 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  
 61558-2-2, -2-6 >UL/CSA-RECOGNIZED< >CONTROL  
 CIRCUIT TRANSFORMER< >SAFETY ISOLATING  
 TRANSFORMER<

### General technical data:

<b>Product designation</b>		transformer SITAS
<b>product brand name</b>		SIDAC
<b>Operating apparent output Rated value</b>	V·A	100
<b>Efficiency</b>		0.86
<b>Connection method for transformers</b>		II0
<b>Certificate of suitability</b>		CE / cRUus
<b>Product function</b>		
• Temperature monitoring		No
• Insulation monitoring		No
• Short-circuit and overload proof		No
<b>Number of shielding windings</b>		0
<b>Short-term vector power</b>	V·A	310
<b>Relative short-circuit voltage</b>	%	7.7

### Inputs:

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

### Outputs:

Phase number of the outputs		1
Output voltage		
<ul style="list-style-type: none"> <li>• _1 Rated value</li> </ul>	V	24
Electrical output frequency		
<ul style="list-style-type: none"> <li>• maximum</li> <li>• minimum</li> </ul>	Hz	60
	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>		screw-type terminals / tab terminals screw-type terminals / tab terminals
Mounting type		screws / standard rail
Construction form of the iron core		EI 84/42
Width	m	0.086
Height	m	0.098
Depth	m	0.102

#### Certificates/ approvals:

General Product Approval	Shipping Approval	other
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[other](#)

#### 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=4AM34424TV000EA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM34424TV000EA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM34424TV000EA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM34424TV000EA0&lang=en)

last modified:

15.01.2015