



Figure similar

TRANSFORMER SITAS; PHASES:1;  
 PN/PN(S6)(KVA):0,5 /2; UPRI(V):440+/-5%;  
 USEC(V):230; ISEC(A):2,17; F(HZ):50...60; VECTOR  
 GR./SHIELD WNG.:II0 /0; TA/ISOKL:40 /B; IP00; TYPE  
 OF TERMINALS:SCREW/TAB CONNECTION;  
 INSTALLATION:SCREW; EN 61558-2-1, -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	500
Efficiency		0.91
Connection method for transformers		II0
Certificate of suitability		CE / cRUus
Product function		
<ul style="list-style-type: none"> <li>• Temperature monitoring</li> </ul>		No
<ul style="list-style-type: none"> <li>• Insulation monitoring</li> </ul>		No
<ul style="list-style-type: none"> <li>• Short-circuit and overload proof</li> </ul>		No
Number of shielding windings		0
Short-term vector power	V·A	2 000
Relative short-circuit voltage	%	3.8

### Inputs:

Phase number of the inputs		1
Input voltage		
<ul style="list-style-type: none"> <li>• _1 Rated value</li> </ul>	V	462
<ul style="list-style-type: none"> <li>• _2 Rated value</li> </ul>	V	440
<ul style="list-style-type: none"> <li>• _3 Rated value</li> </ul>	V	418
Electrical input frequency		
<ul style="list-style-type: none"> <li>• minimum</li> </ul>	Hz	50
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	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		
• at output for main current circuit		screw-type terminals / tab terminals
• at input for main current circuit		screw-type terminals / tab terminals
Mounting type		screws
Construction form of the iron core		EI 120/72
Width	m	0.122
Height	m	0.121
Depth	m	0.134

#### Certificates/ approvals:

General Product Approval

Shipping Approval

other



[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=4AM48425CT100FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM48425CT100FA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM48425CT100FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM48425CT100FA0&lang=en)

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