



Figure similar

TRANSFORMER SITAS; PHASES:1;  
 PN/PN(S6)(KVA):0,1 /0,31; UPRI(V):500+/-5%;  
 USEC(V):230; ISEC(A):0,435; 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<

### 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	525
• _2 Rated value	V	500
• _3 Rated value	V	475
<b>Electrical input frequency</b>		
• 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		
• 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 / 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



[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=4AM34425FT100FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM34425FT100FA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM34425FT100FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM34425FT100FA0&lang=en)

last modified:

15.01.2015