

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.:li0 /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 details:

Product designation		transformer SITAS
product brand name		SIDAC
Operating apparent output / rated value	V-A	100
Efficiency		0.86
Manner of switching for transformers		li0
Verification of suitability		CE / cRUus
Product function		
<ul style="list-style-type: none"> temperature surveillance 		No
<ul style="list-style-type: none"> isolation control 		No
<ul style="list-style-type: none"> short circuit and overload protection 		No
Number of the protective coils		0
Short-term vector power	V-A	310
Relative short-circuit voltage	%	7.7

Inputs:

Phase number / of the inputs		1
Input voltage		
<ul style="list-style-type: none"> _1 / rated value 	V	242
<ul style="list-style-type: none"> _2 / rated value 	V	230
<ul style="list-style-type: none"> _3 / rated value 	V	218
Electrical input frequency		
<ul style="list-style-type: none"> minimum 	Hz	50

- maximum

Hz	60
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Outputs:

Phase number / of the outputs		1
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Output voltage		
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- _1 / rated value

V	24
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Electrical output frequency		
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- maximum

Hz	60
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- minimum

Hz	50
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Ambient conditions:

Thermal class / according to IEC 60085		B
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Ambient temperature / rated value	°C	40
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Protection class IP		IP00
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Mechanical design:

Design of the electrical connection		
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- secondary side / for main current circuit
- at the input / for main current circuit

screw-type terminals / tab terminals
screw-type terminals / tab terminals

Mounting type		screws / standard rail
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Construction form of the iron core		EI 84/42
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Width	m	0.086
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Height	m	0.098
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Depth	m	0.102
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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/industrial-controls/mall>

CAX-Online-Generator

<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/4AM3442-4TV00-0EA0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM3442-4TV00-0EA0

last change:

Dec 5, 2011