

TRANSFORMER SITAS;
 PHASES:1;
 PN/PN(S6)(KVA):0,535 /2,35;
 UPRI(V):400+/-5%;
 USEC(V):42;
 ISEC(A):12,7;
 F(HZ):50...60;
 VECTOR GR./SHIELD WNG.:li0 /0;
 TA/ISOKL:40 /B;
 IP23;
 TYPE OF TERMINALS:SCREW/TAB CONNECTION;
 INSTALLATION:SCREW;
 EN 61558-2-1, -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	535
Efficiency		0.92
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	2,350
Relative short-circuit voltage	%	3.7

Inputs:

Phase number / of the inputs		1
Input voltage		
<ul style="list-style-type: none"> • _1 / rated value 	V	420
<ul style="list-style-type: none"> • _2 / rated value 	V	400
<ul style="list-style-type: none"> • _3 / rated value 	V	380
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		IP23
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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
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Construction form of the iron core		EI 150/48
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Width	m	0.244
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Height	m	0.245
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Depth	m	0.23
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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/4AM5242-5AV00-0EC0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM5242-5AV00-0EC0

last change:

Dec 5, 2011