



TRANSFORMER SITAS; PHASES:1;
PN/PN(S6)(KVA):0,1 /0,31; UPRI(V):500+/-5%;
USEC(V):110; ISEC(A):0,909; 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:		
Product designation		transformer SITAS
Product brand name		SIDAC
Operating apparent output rated value	V·A	100
Efficiency		0.86
Connection method for transformers		II0
Certificate of suitability		CE
Product function		
• Temperature monitoring		No
• Insulation monitoring		No
• Short-circuit and overload proof		No
Number of shielding windings		0
Short-term vector power	V·A	310
Relative short-circuit voltage	%	7.7
Inputs:		
Phase number of the inputs		1
Input voltage		

• _1 rated value	V	525
• _2 rated value	V	500
• _3 rated value	V	475
Electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60

Outputs:

Phase number of the outputs		1
Output voltage		
• _1 rated value	V	110
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	Declaration of Conformity	Shipping Approval	other
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[Confirmation](#)

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=4AM3442-5FJ10-0FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM3442-5FJ10-0FA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM3442-5FJ10-0FA0&lang=en

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