



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<

Figure similar

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
			

[Miscellaneous](#)

[Confirmation](#)

EG-Konf.

PRS

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=4AM3442-5FJ10-0FA0>

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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