



TRANSFORMER SITAS; PHASES:1;
PN/PN(S6)(KVA):0,5 /2; UPRI(V):230+/-5%;
USEC(V):24; ISEC(A):20,8; F(HZ):50...60; VECTOR
GR./SHIELD WNG.:II0 /0; TA/ISOKL:40 /B; IP00; TYPE
OF TERMINALS:SCREW/TAB CONNECTION;
INSTALLATION:SCREW; EN 61558-2-2, -2-6 >UL/CSA-
RECOGNIZED< >CONTROL CIRCUIT
TRANSFORMER< >SAFETY ISOLATING
TRANSFORMER<

Figure similar

General technical data		
Product designation		transformer SITAS
Product brand name		SIDAC
Operating apparent output rated value	V·A	500
Efficiency		0.91
Connection method for transformers		II0
Certificate of suitability		CE / cRUus
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	2 000
Relative short-circuit voltage	%	3.8
Inputs		
Phase number of the inputs		1
Input voltage		

• _1 rated value	V	242
• _2 rated value	V	230
• _3 rated value	V	218
Electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60

Outputs

Phase number of the outputs		1
Output voltage		
• _1 rated value	V	24
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
Construction form of the iron core		EI 120/72
Width	m	0.122
Height	m	0.121
Depth	m	0.134

Certificates/ approvals

General Product Approval	Declaration of Conformity	Shipping Approval	other
---------------------------------	----------------------------------	--------------------------	--------------



[Miscellaneous](#)



[Confirmation](#)

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=4AM4842-4TN00-0EA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM4842-4TN00-0EA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM4842-4TN00-0EA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM4842-4TN00-0EA0&lang=en

last modified:

04/04/2020