



TRANSFORMER SITAS; PHASES:1;  
 PN/PN(S6)(KVA):0,16 /0,49; UPRI(V):500+/-5%;  
 USEC(V):24; ISEC(A):6,667; 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  
 61558-2-2, -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	160
Efficiency		0.86
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	490
Relative short-circuit voltage	%	8.8
Inputs:		
Phase number of the inputs		1
Input voltage		

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

#### Outputs:

<b>Phase number of the outputs</b>		1
<b>Output voltage</b>		
• _1 rated value	V	24
<b>Electrical output frequency</b>		
• maximum	Hz	60
• minimum	Hz	50

#### Ambient conditions:

<b>Thermal class acc. to IEC 60085</b>		B
<b>Ambient temperature rated value</b>	°C	40
<b>Protection class IP</b>		IP00

#### Mechanical data:

<b>Type of electrical connection</b>		
• at output for main current circuit		screw-type terminals / tab terminals
• at input for main current circuit		screw-type terminals / tab terminals
<b>Mounting type</b>		screws / standard rail
<b>Construction form of the iron core</b>		EI 96/44
<b>Width</b>	m	0.098
<b>Height</b>	m	0.106
<b>Depth</b>	m	0.104

#### Certificates/ approvals:

<b>General Product Approval</b>	<b>Declaration of Conformity</b>	<b>Shipping Approval</b>	<b>other</b>
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EG-Konf.

[Miscellaneous](#)



PRS

[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=4AM3842-5FN00-0EA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM3842-5FN00-0EA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM3842-5FN00-0EA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM3842-5FN00-0EA0&lang=en)

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