



TRANSFORMER SITAS; PHASES:1; PN/PN(S6)(KVA):0,25 /0,85; UPRI(V):400+/-5%; USEC(V):230; ISEC(A):1,09; F(HZ):50...60; VECTOR GR./SHIELD WNG.:II0 /0; TA/ISOKL:40 /B; IP00; TYPE OF TERMINALS:CAGE-CLAMP; 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 power rated value	VA	250
efficiency		0.89
connection method for transformers		II0
certificate of suitability		CE / cRUus
product function		
<ul style="list-style-type: none"> <li>temperature monitoring</li> </ul>		No
<ul style="list-style-type: none"> <li>insulation monitoring</li> </ul>		No
<ul style="list-style-type: none"> <li>short-circuit and overload proof</li> </ul>		No
number of shielding windings		0
short-term vector power	VA	850
relative short-circuit voltage	%	5.4
Inputs		
phase number of the inputs		1
input voltage		
<ul style="list-style-type: none"> <li>_1 rated value</li> </ul>	V	420
<ul style="list-style-type: none"> <li>_2 rated value</li> </ul>	V	400
<ul style="list-style-type: none"> <li>_3 rated value</li> </ul>	V	380
electrical input frequency		
<ul style="list-style-type: none"> <li>minimum</li> </ul>	Hz	50
<ul style="list-style-type: none"> <li>maximum</li> </ul>	Hz	60
Outputs		
phase number of the outputs		1
output voltage		
<ul style="list-style-type: none"> <li>_1 rated value</li> </ul>	V	230
electrical output frequency		
<ul style="list-style-type: none"> <li>maximum</li> </ul>	Hz	60
<ul style="list-style-type: none"> <li>minimum</li> </ul>	Hz	50
Ambient conditions		
thermal class according to IEC 60085		B
ambient temperature rated value	°C	40
protection class IP		IP00
Mechanical data		
type of electrical connection		
<ul style="list-style-type: none"> <li>at output for main current circuit</li> </ul>		Cage-Clamp terminals
<ul style="list-style-type: none"> <li>at input for main current circuit</li> </ul>		Cage Clamp terminals
fastening method		screws / standard rail

construction form of the iron core		EI 96/58
width	m	0.098
height	m	0.106
depth	m	0.118

**Certificates/ approvals**

General Product Approval	Declaration of Conformity	Marine / Shipping	other
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[UK Declaration of Conformity](#)



[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=4AM4042-5AT10-0FA1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM4042-5AT10-0FA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM4042-5AT10-0FA1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM4042-5AT10-0FA1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM4042-5AT10-0FA1&lang=en)

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