



TRANSFORMER SITAS;
 PHASES:1;
 PN/PN(S6)(KVA):0,63 /2,35;
 UPRI(V):440+/-5%;
 USEC(V):230;
 ISEC(A):2,74;
 F(HZ):50...60;
 VECTOR GR./SHIELD WNG.:li0 /0;
 TA/ISOKL:40 /B;
 IP00;
 TYPE OF TERMINALS:SCREW/TAB CONNECTION;
 INSTALLATION:SCREW;
 EN 61558-2-1, -2-2,
 -2-4 >UL/CSA-RECOGNIZED< >CONTROL CIRCUIT
 TRANSFORMER< >ISOLATION TRANSFORMER<

General technical details:

product designation		transformer SITAS
product brand name		SIDAC
Operating apparent output / rated value	V·A	630
Efficiency		0.92
Manner of switching for transformers		li0
Verification of suitability		CE / cRUus
Product function		
<ul style="list-style-type: none"> • temperature surveillance • isolation control • short circuit and overload protection 		No No No
Number of the protective coils		0
Short-term vector power	V·A	2,350
Relative short-circuit voltage	%	3.7

Inputs:

Phase number / of the inputs		1
Input voltage		
<ul style="list-style-type: none"> • _1 / rated value • _2 / rated value 	V	462 440

• I_3 / rated value	V	418
Electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60

Outputs:

Phase number / of the outputs		1
Output voltage		
• U_1 / rated value	V	230
Electrical output frequency		
• maximum	Hz	60
• minimum	Hz	50

Ambient conditions:

Thermal class / according to IEC 60085		B
Ambient temperature / rated value	°C	40
Protection class IP		IP00

Mechanical design:

Design of the electrical connection		
• secondary side / for main current circuit		screw-type terminals / tab terminals
• at the input / for main current circuit		screw-type terminals / tab terminals
Type of mounting		screws
Construction form of the iron core		EI 150/48
Width	m	0.152
Height	m	0.144
Depth	m	0.11

Certificates/approvals:

General Product Approval

[ROSTEST](#)

Further information:

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

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

CAX-Online-Generator

<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/4AM5242-5CT10-0FA0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM5242-5CT10-0FA0

last change:

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