

TRANSFORMER SITAS;
 PHASES:1;
 PN/PN(S6)(KVA):0,1 /0,31;
 UPRI(V):400+/-5%;
 USEC(V):230-115;
 ISEC(A):0,43-0,86;
 F(HZ):50...60;
 VECTOR GR./SHIELD WNG.:li0 /0;
 TA/ISOKL:40 /B;
 IP00;
 TYPE OF TERMINALS:SCREW/TAB CONNECTION;
 INSTALLATION:SCREWS/MOUNTING RAILS;
 EN 61558-2-1, -2-2, -2-4

General technical details:

Product designation		transformer SITAS
product brand name		SIDAC
Operating apparent output / rated value	V·A	100
Efficiency		0.86
Manner of switching for transformers		li0
Verification of suitability		CE
Product function		
<ul style="list-style-type: none"> • temperature surveillance 		No
<ul style="list-style-type: none"> • isolation control 		No
<ul style="list-style-type: none"> • short circuit and overload protection 		No
Number of the protective coils		0
Short-term vector power	V·A	310
Relative short-circuit voltage	%	7.7

Inputs:

Phase number / of the inputs		1
Input voltage		
<ul style="list-style-type: none"> • _1 / rated value 	V	420
<ul style="list-style-type: none"> • _2 / rated value 	V	400
<ul style="list-style-type: none"> • _3 / rated value 	V	380
Electrical input frequency		
<ul style="list-style-type: none"> • minimum 	Hz	50
<ul style="list-style-type: none"> • maximum 	Hz	60

Outputs:

Phase number / of the outputs		1
Output voltage		
• _1 / rated value	V	230
• _2 / rated value	V	115
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
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

Shipping Approval

other



GOST



PRS

[other](#)**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/WWW/view/en/4AM3442-5AD40-0FA0/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM3442-5AD40-0FA0**last change:**

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