

TRANSFORMER SITAS;
 PHASES:1;
 PN/PN(S6)(KVA):0,5 /2;
 UPRI(V):500+/-5%;
 USEC(V):230;
 ISEC(A):2,17;
 F(HZ):50...60;
 VECTOR GR./SHIELD WNG.:li0 /0;
 TA/ISOKL:40 /B;
 IP00;
 TYPE OF TERMINALS:SCREW/TAB CONNECTION;
 INSTALLATION:MOUNTING RAILS;
 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	500
Efficiency		0.91
Manner of switching for transformers		li0
Verification of suitability		CE / cRUus
Product function		
• temperature surveillance		No
• isolation control		No
• short circuit and overload protection		No
Number of the protective coils		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	525
• _2 / rated value	V	500
• _3 / rated value	V	475
Electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60

Outputs:

Phase number / of the outputs		1
Output voltage		
• _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
Mounting type		standard rail
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

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/WW/view/en/4AM4842-5FT10-0FB0/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM4842-5FT10-0FB0**last change:**

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