

TRANSFORMER SITAS;
 PHASES:1;
 PN/PN(S6)(KVA):0,4 /1,44;
 UPRI(V):400+/-5%;
 USEC(V):230;
 ISEC(A):1,739;
 F(HZ):50...60;
 VECTOR GR./SHIELD WNG.:li0 /0;
 TA/ISOKL:40 /B;
 IP00;
 TYPE OF TERMINALS:CAGE-CLAMP;
 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	400
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	1,440
Relative short-circuit voltage	%	4.4

Inputs:

Phase number / of the inputs		1
Input voltage		
• _1 / rated value	V	420
• _2 / rated value	V	400
• _3 / rated value	V	380
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		Cage-Clamp terminals
• at the input / for main current circuit		Cage Clamp terminals
Mounting type		standard rail
Construction form of the iron core		EI 120/52
Width	m	0.122
Height	m	0.121
Depth	m	0.114

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/4AM4642-5AT10-0FB1/all
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM4642-5AT10-0FB1

last change: Dec 5, 2011