

TRANSFORMER SITAS;
 PHASES:1;
 PN/PN(S6)(KVA):4,5 /18,5;
 UPRI(V):550-525-500-480-460- 440-415-400-380-230-208;
 USEC(V):2X115;
 ISEC(A):2X19,6;
 F(HZ):50...60;
 VECTOR GR./SHIELD WNG.:II0 /0;
 TA/ISOKL:55 /H;
 IP23;
 TYPE OF TERMINALS:SCREW CONNECTION;
 INSTALLATION:SCREW;
 EN 61558-2-1, -2-2,
 -2-4 >CONTROL CIRCUIT TRANSFORMER< >ISOLATION
 TRANSFORMER<

General technical details:

Product designation		transformer SITAS
product brand name		SIDAC
Operating apparent output / rated value	V·A	4,500
Efficiency		0.94
Manner of switching for transformers		II0
Verification of suitability		CE
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	19,000
Relative short-circuit voltage	%	3.9

Inputs:

Phase number / of the inputs		1
Input voltage		
• _1 / rated value	V	550
• _2 / rated value	V	525
• _3 / rated value	V	500
• _4 / rated value	V	480
• _5 / rated value	V	460
• _6 / rated value	V	440

• _7 / rated value	V	415
• _8 / rated value	V	400
• _9 / rated value	V	380
• _10 / rated value	V	230
• _11 / rated value	V	208
Electrical input frequency		
• minimum	Hz	50
• 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		H
Ambient temperature / rated value	°C	55
Protection class IP		IP23

Mechanical design:

Design of the electrical connection		
• secondary side / for main current circuit		screw-type terminals
• at the input / for main current circuit		screw-type terminals
Mounting type		screws
Construction form of the iron core		UI 180/75
Width	m	0.351
Height	m	0.395
Depth	m	0.33

Certificates/approvals:

General Product Approval	Shipping Approval	other
		
		Declaration of Conformity
		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/4AT3612-8DD40-0FC0/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AT3612-8DD40-0FC0

last change:

Dec 5, 2011