

TRANSFORMER SITAS;
 PHASES:1;
 PN/PN(S6)(KVA):1,6 /7,3;
 UPRI(V):690+/-5%;
 USEC(V):230;
 ISEC(A):6,96;
 F(HZ):50...60;
 VECTOR GR./SHIELD WNG.:II0 /0;
 TA/ISOKL:40 /B;
 IP00;
 TYPE OF TERMINALS:CAGE-CLAMP;
 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	1,600
Efficiency		0.96
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	7,300
Relative short-circuit voltage	%	2.1

Inputs:

Phase number / of the inputs		1
Input voltage		
• _1 / rated value	V	725
• _2 / rated value	V	690
• _3 / rated value	V	655
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
- minimum

Hz

60

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
- at the input / for main current circuit

Cage-Clamp terminals

Cage Clamp terminals

Mounting type

screws

Construction form of the iron core

EI 174/82

Width

m

0.176

Height

m

0.164

Depth

m

0.138

Certificates/approvals:**General Product Approval****Shipping Approval****other**[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/4AM6142-5MT10-0FA1/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM6142-5MT10-0FA1**last change:**

Dec 5, 2011