

TRANSFORMER SITAS;
 PHASES:3;
 PN/PN(S6)(KVA):12,5 /43,7;
 UPRI(V):Y500-400/D289-230;
 USEC(V):Y 400 / D 230;
 ISEC(A):18-31,2;
 F(HZ):50...60;
 VECTOR GR./SHIELD WNG.:IIIIII0 /0;
 TA/ISOKL:55 /H;
 IP00;
 TYPE OF TERMINALS:SCREW CONNECTION;
 INSTALLATION:SCREW;
 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	12,500
Efficiency		0.95
Manner of switching for transformers		IIIIII0
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	49,000
Relative short-circuit voltage	%	3.4

Inputs:

Phase number / of the inputs		3
Input voltage		
• _1 / rated value	V	500
• _2 / rated value	V	400
• _3 / rated value	V	289
• _4 / rated value	V	230
Electrical input frequency		
• minimum	Hz	50

- maximum

Hz	60
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Outputs:

Phase number / of the outputs		3
Output voltage		
• _1 / rated value	V	400
• _2 / rated value	V	230
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		IP00

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		3UI 210/70
Width	m	0.41
Height	m	0.37
Depth	m	0.262

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/4AU3912-8BC40-0HA0/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AU3912-8BC40-0HA0

last change:

Dec 5, 2011