

TRANSFORMER SITAS;
 PHASES:1;
 PN/PN(S6)(KVA):1 /5;
 UPRI(V):400+/-5%;
 USEC(V):24;
 ISEC(A):41,67;
 F(HZ):50...60;
 VECTOR GR./SHIELD WNG.:li0 /0;
 TA/ISOKL:40 /B;
 IP00;
 TYPE OF TERMINALS:SCREW/TAB CONNECTION;
 INSTALLATION:SCREW;
 EN 61558-2-2,
 -2-6 >UL/CSA-RECOGNIZED< >CONTROL CIRCUIT
 TRANSFORMER< >SAFETY ISOLATING
 TRANSFORMER<

General technical details:

Product designation		transformer SITAS
product brand name		SIDAC
Operating apparent output / rated value	V-A	1,000
Efficiency		0.93
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	5,000
Relative short-circuit voltage	%	3.07

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	24
---	----

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
- at the input / for main current circuit

screw-type terminals / tab terminals
screw-type terminals / tab terminals

Mounting type		screws
----------------------	--	--------

Construction form of the iron core		EI 150/90
---	--	-----------

Width	m	0.152
--------------	---	-------

Height	m	0.144
---------------	---	-------

Depth	m	0.132
--------------	---	-------

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/VW/view/en/4AM5742-5AN00-0EA0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM5742-5AN00-0EA0

last change:

Dec 5, 2011