

TRANSFORMER SITAS;
 PHASES:1;
 PN/PN(S6)(KVA):0,16 /0,49;
 UPRI(V):230+/-5%;
 USEC(V):24;
 ISEC(A):6,67;
 F(HZ):50...60;
 VECTOR GR./SHIELD WNG.:li0 /0;
 TA/ISOKL:40 /B;
 IP00;
 TYPE OF TERMINALS:SCREW/TAB CONNECTION;
 INSTALLATION:SCREWS/MOUNTING RAILS;
 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	160
Efficiency		0.86
Manner of switching for transformers		li0
Verification of suitability		CE / cRUus
Product function		
<ul style="list-style-type: none"> • temperature surveillance 		No
<ul style="list-style-type: none"> • isolation control 		No
<ul style="list-style-type: none"> • short circuit and overload protection 		No
Number of the protective coils		0
Short-term vector power	V·A	490
Relative short-circuit voltage	%	9

Inputs:

Phase number / of the inputs		1
Input voltage		
<ul style="list-style-type: none"> • _1 / rated value 	V	242
<ul style="list-style-type: none"> • _2 / rated value 	V	230
<ul style="list-style-type: none"> • _3 / rated value 	V	218
Electrical input frequency		
<ul style="list-style-type: none"> • minimum 	Hz	50

- maximum

Hz 60

Outputs:

Phase number / of the outputs

1

Output voltage

- _1 / rated value

V

24

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

screw-type terminals / tab terminals

screw-type terminals / tab terminals

Mounting type

screws / standard rail

Construction form of the iron core

EI 96/44

Width

m

0.098

Height

m

0.106

Depth

m

0.104

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/4AM3842-4TN00-0EA0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM3842-4TN00-0EA0

last change:

Dec 5, 2011