

TRANSFORMER SITAS;
 PHASES:1;
 PN/PN(S6)(KVA):0,475 /2,35;
 UPRI(V):230+/-5%;
 USEC(V):42;
 ISEC(A):11,2;
 F(HZ):50...60;
 VECTOR GR./SHIELD WNG.:II0 /0;
 TA/ISOKL:40 /B;
 IP54;
 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	475
Efficiency		0.92
Manner of switching for transformers		II0
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	2,350
Relative short-circuit voltage	%	3.7

Inputs:

Phase number / of the inputs		1
Input voltage		
• _1 / rated value	V	242
• _2 / rated value	V	230
• _3 / rated value	V	218
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
- minimum

Hz

60

Hz

50

Ambient conditions:

Thermal class / according to IEC 60085

B

Ambient temperature / rated value

°C

40

Protection class IP

IP54

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 150/48

Width

m

0.244

Height

m

0.245

Depth

m

0.23

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/4AM5242-4TV00-0ED0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM5242-4TV00-0ED0

last change:

Dec 5, 2011