

TRANSFORMER SITAS; PHASES:1; PN/PN(S6)(KVA):5 /18,5;
UPRI(V):440+/-5%; USEC(V):230; ISEC(A):21,7; F(HZ):50...60;
VECTOR GR./SHIELD WNG.:II0 /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 data		
product designation		transformer SITAS
product brand name		SIDAC
operating apparent power rated value	VA	5 000
efficiency		0.94
connection method for transformers		II0
certificate of suitability		CE / cRUus
product function		
• temperature monitoring		No
• insulation monitoring		No
• short-circuit and overload proof		No
number of shielding windings		0
short-term vector power	VA	19 000
relative short-circuit voltage	%	4.82
Inputs		
phase number of the inputs		1
input voltage		
• _1 rated value	V	462
• _2 rated value	V	440
• _3 rated value	V	418
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	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 data		
type of electrical connection		
• at output for main current circuit		screw-type terminals
• at input for main current circuit		screw-type terminals
fastening method		screws
construction form of the iron core		UI 180/75
width	m	0.194
height	m	0.32
depth	m	0.169
Certificates/ approvals		
General Product Approval	other	Environment



[Confirmation](#)



[Environmental Con-
firmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=4AT3612-5CT10-0FA0>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AT3612-5CT10-0FA0>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/4AT3612-5CT10-0FA0>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AT3612-5CT10-0FA0&lang=en

last modified:

4/2/2025