



Figure similar

transformer SITAS; phases: 3; Pn/Pn(S6)(kVA): 12.5 /43.7; Upri(V): Y500-440-380+/-20/D289- 254-220+/-11; Usec(V): Y 400 / D 230; Isec(A): 18-31.3; F(Hz): 50...60; vector group/shielding winding: IIIIII0 /0; temperature rise/insulation class: 55 /H; IP00; connection: screw connection; mounting: screws; EN 61558-2-1, -2-2, -2-4 >UL/CSA-recognized< >control transformer< >isolation transformer<

General technical data		
product designation		transformer SITAS
product brand name		SIDAC
operating apparent power rated value	VA	12 500
efficiency		0.95
connection method for transformers		IIIIII0
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	49 000
relative short-circuit voltage	%	3.1
Inputs		
phase number of the inputs		3
input voltage		
• _1 rated value	V	520
• _2 rated value	V	500
• _3 rated value	V	480
• _4 rated value	V	460
• _5 rated value	V	440
• _6 rated value	V	420
• _7 rated value	V	400
• _8 rated value	V	380
• _9 rated value	V	360
• _10 rated value	V	300
• _11 rated value	V	289
• _12 rated value	V	277
• _13 rated value	V	266
• _14 rated value	V	254
• _15 rated value	V	240
• _16 rated value	V	230
electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60
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 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		3UI 210/70
width	m	0.41
height	m	0.37
depth	m	0.262

Certificates/ approvals

General Product Approval	other	Environment
--------------------------	-------	-------------



[Confirmation](#)



[Environmental Confirmations](#)

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=4AU3912-8CC40-0HA0>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AU3912-8CC40-0HA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AU3912-8CC40-0HA0>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AU3912-8CC40-0HA0&lang=en

last modified:

4/2/2025