



Figure similar

transformer SITAS; phases: 3; Pn/Pn(S6)(kVA): 1 / 3.5; Upri(V): Y500-400/D289-230; Usec(V): Y 400 / D 230; Isec(A): 1.44-2.50; F(Hz): 50...60; vector group/shielding winding: IIIIII0 / 0; temperature rise/insulation class: 40 / B; IP00; connection: screw/flat-type 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	1 000
efficiency		0.92
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	3 500
relative short-circuit voltage	%	5.38
Inputs		
phase number of the inputs		3
input voltage		
• _1 rated value	V	500
• _2 rated value	V	400
• _3 rated value	V	289
• _4 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		B
ambient temperature rated value	°C	40
protection class IP		IP00
Mechanical data		
type of electrical connection		

• at output for main current circuit		screw-type terminals / tab terminals
• at input for main current circuit		screw-type terminals / tab terminals
<b>fastening method</b>		screws
<b>construction form of the iron core</b>		3UI 90/50
<b>width</b>	m	0.219
<b>height</b>	m	0.168
<b>depth</b>	m	0.168

**Certificates/ approvals**

General Product Approval	other	Environment
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[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=4AP2142-8BC40-0HA0>

**Cax online generator**

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AP2142-8BC40-0HA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AP2142-8BC40-0HA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AP2142-8BC40-0HA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AP2142-8BC40-0HA0&lang=en)

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