



Figure similar

TRANSFORMER SITAS; PHASES:1; PN/PN(S6)(KVA):0,1 /0,31; UPRI(V):400-230+/-15; USEC(V):24; ISEC(A):4,17; F(HZ):50...60; VECTOR GR./SHIELD WNG.:II0 /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 data		
product designation		transformer SITAS
product brand name		SIDAC
operating apparent power rated value	VA	100
efficiency		0.86
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	310
relative short-circuit voltage	%	7.7
Inputs		
phase number of the inputs		1
input voltage		
• _1 rated value	V	415
• _2 rated value	V	400
• _3 rated value	V	385
• _4 rated value	V	245
• _5 rated value	V	230
• _6 rated value	V	215
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	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 / DIN rail
<b>construction form of the iron core</b>		EI 84/42
<b>width</b>	m	0.086
<b>height</b>	m	0.098
<b>depth</b>	m	0.102

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- 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=4AM3442-8JN00-0EA0>

**Cax online generator**

<http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&mlfb=4AM3442-8JN00-0EA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM3442-8JN00-0EA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM3442-8JN00-0EA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM3442-8JN00-0EA0&lang=en)

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