



Figure similar

TRANSFORMER SITAS; PHASES:1;  
 PN/PN(S6)(KVA):0,16 /0,49; UPRI(V):440+/-5%;  
 USEC(V):230; ISEC(A):0,7; 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  
 61558-2-1, -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 output Rated value	V·A	160
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	V·A	490
Relative short-circuit voltage	%	7.92

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 acc. 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
Mounting type		screws / standard rail
Construction form of the iron core		EI 96/44
Width	m	0.098
Height	m	0.106
Depth	m	0.104

#### Certificates/ approvals:

General Product Approval	Shipping Approval	other
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[other](#)

#### Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrymall>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM38425CT100FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM38425CT100FA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM38425CT100FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM38425CT100FA0&lang=en)

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