



Figure similar

TRANSFORMER SITAS; PHASES:1;  
 PN/PN(S6)(KVA):1 /5; UPRI(V):690+/-5%;  
 USEC(V):230; ISEC(A):4,348; F(HZ):50...60; VECTOR  
 GR./SHIELD WNG.:II0 /0; TA/ISOKL:40 /B; IP00; TYPE  
 OF TERMINALS:SCREW/TAB CONNECTION;  
 INSTALLATION:SCREW; EN 61558-2-2 >CONTROL  
 CIRCUIT TRANSFORMER<

General technical data:

Product designation		transformer SITAS
product brand name		SIDAC
Operating apparent output Rated value	V·A	1 000
Efficiency		0.93
Connection method for transformers		II0
Certificate of suitability		CE
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	5 000
Relative short-circuit voltage	%	2.87

Inputs:

Phase number of the inputs		1
Input voltage		
• _1 Rated value	V	725
• _2 Rated value	V	690
• _3 Rated value	V	655
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
Construction form of the iron core		EI 150/90
Width	m	0.152
Height	m	0.144
Depth	m	0.132

#### Certificates/ approvals:

General Product Approval	Shipping Approval	other
 GOST		 PRC

[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=4AM57425MT100FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM57425MT100FA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM57425MT100FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM57425MT100FA0&lang=en)

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