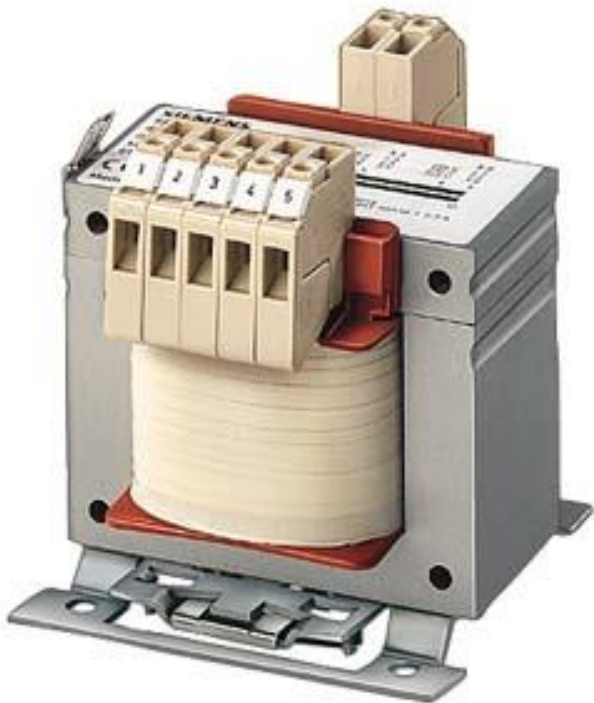




TRANSFORMER SITAS; PHASES:1;
PN/PN(S6)(KVA):1 /5; UPRI(V):230+/-5%; USEC(V):24;
ISEC(A):41,67; F(HZ):50...60; VECTOR GR./SHIELD
WNG.:II0 /0; TA/ISOKL:40 /B; IP00; TYPE OF
TERMINALS:SCREW/TAB CONNECTION;
INSTALLATION:SCREW; EN 61558-2-2, -2-6 >UL/CSA-
RECOGNIZED< >CONTROL CIRCUIT
TRANSFORMER< >SAFETY ISOLATING
TRANSFORMER<

Figure similar

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 / 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	5 000
Relative short-circuit voltage	%	2.5
Inputs		
Phase number of the inputs		1
Input voltage		

• _1 rated value	V	242
• _2 rated value	V	230
• _3 rated value	V	218
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 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	Declaration of Conformity	Shipping Approval	other



[Miscellaneous](#)



[Confirmation](#)

Further information

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=4AM5742-4TN00-0EA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM5742-4TN00-0EA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM5742-4TN00-0EA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM5742-4TN00-0EA0&lang=en

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04/04/2020