SIEMENS

Data sheet 4AM5742-5MT10-0FA1



Figure similar

TRANSFORMER SITAS; PHASES:1; PN/PN(S6)(KVA):1 /5; UPRI(V):690+/-5%; USEC(V):230; ISEC(A):4,35; F(HZ):50...60; VECTOR GR./SHIELD WNG.:II0 /0; TA/ISOKL:40 /B; IP00; TYPE OF TERMINALS:CAGE-CLAMP; INSTALLATION:SCREW; EN 61558-2-1, -2-2, -2-4 >CONTROL CIRCUIT TRANSFORMER< >ISOLATION 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	%	2.5

Inputs		
Phase number of the inputs		1
Input voltage		

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• _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		Cage-Clamp terminals
• at input for main current circuit		Cage Clamp 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

EG-Konf.

PRS

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=4AM5742-5MT10-0FA1

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM5742-5MT10-0FA1

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Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/4AM5742-5MT10-0FA1

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM5742-5MT10-0FA1&lang=en

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