SIEMENS

Data sheet 4AM5742-8ED40-0FA0

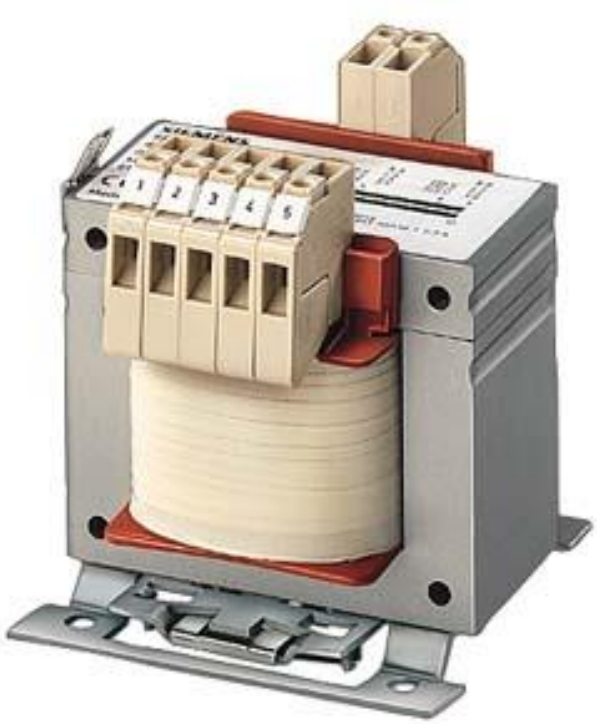

Figure similar

TRANSFORMER SITAS; PHASES:1; PN/PN(S6)(KVA):1 /5; UPRI(V):600-575-550-525-500-480-460-440-415-400-240-230; USEC(V):2X115; ISEC(A):4,35-8,7; F(HZ):50...60; VECTOR GR./SHIELD WNG.:II0 /0; TA/ISOKL:40 /B; IP00; TYPE OF TERMINALS:SCREW/TAB CONNECTION; INSTALLATION:SCREW; EN 61558-2-1, -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	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		

Subject to change without notice
© Copyright Siemens

• _1 rated value	V	600
• _2 rated value	V	575
• _3 rated value	V	550
• _4 rated value	V	525
• _5 rated value	V	500
• _6 rated value	V	480
• _7 rated value	V	460
• _8 rated value	V	440
• _9 rated value	V	415
• _10 rated value	V	400
• _11 rated value	V	240
• _12 rated value	V	230
Electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60

Outputs:		
Phase number of the outputs		1
Output voltage		
• _1 rated value	V	230
• _2 rated value	V	115
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:

Subject to change without notice
© Copyright Siemens

General Product Approval	Declaration of Conformity	Shipping Approval	other
EAC	CE EG-Konf.	PRS	

Miscellaneous

Confirmation

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=4AM5742-8ED40-0FA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/4AM5742-8ED40-0FA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM5742-8ED40-0FA0&lang=en

last modified: 10/16/2019

Subject to change without notice
© Copyright Siemens