SIEMENS

Product data sheet 4AM3442-4TN00-0EA0

TRANSFORMER SITAS;
PHASES:1;
PN/PN(S6)(KVA):0,1 /0,31;
UPRI(V):230+/-5%;
USEC(V):24;
ISEC(A):4,17;
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 61558-2-2,
-2-6 >UL/CSA-RECOGNIZED< >CONTROL CIRCUIT TRANSFORMER< >SAFETY ISOLATING TRANSFORMER<

General technical details:		
Product designation		transformer SITAS
product brand name		SIDAC
Operating apparent output / rated value	V·A	100
Efficiency		0.86
Manner of switching for transformers		Ii0
Verification of suitability		CE / cRUus
Product function		
• temperature surveillance		No
• isolation control		No
• short circuit and overload protection		No
Number of the protective coils		0
Short-term vector power	V·A	310
Relative short-circuit voltage	%	7.7

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

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• 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 / according to IEC 60085		B
Ambient temperature / rated value	°C	40
Protection class IP		IP00

Mechanical design:

Design of the electrical connection		
• secondary side / for main current circuit		screw-type terminals / tab terminals
• at the input / for main current circuit		screw-type terminals / tab terminals
Mounting type		screws / standard rail
Construction form of the iron core		EI 84/42
Width	m	0.086
Height	m	0.098
Depth	m	0.102

Certificates/approvals:

General Product Approval	Shipping Approval	other
EAC GOST	PRS	other

Further information:

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
http://www.siemens.com/industrial-controls/mall

CAx-Online-Generator
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/4AM3442-4TN00-0EA0/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM3442-4TN00-0EA0

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