SIEMENS

Data sheet 4AM3442-5FJ10-0FA0

TRANSFORMER SITAS; PHASES:1; PN/PN(S6)(KVA):0,1 /0,31; UPRI(V):500+/-5%; USEC(V):110; ISEC(A):0,909; 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 61558-2-1, -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 power rated value	VA	100
efficiency		0.86
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	VA	310
relative short-circuit voltage	%	7.7
Inputs		
phase number of the inputs		1
input voltage		
● _1 rated value	V	525
● _2 rated value	V	500
● _3 rated value	V	475
electrical input frequency		
● minimum	Hz	50
● maximum	Hz	60
Outputs		
phase number of the outputs		1
output voltage		
● _1 rated value	V	110
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 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
fastening method		screws / DIN 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	Declaration of Conformity	Marine / Shipping	other

Subject to change without notice
© Copyright Siemens

Confirmation

Further information

Siemens has decided to exit the Russian market (see here).
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875

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=4AM3442-5FJ10-0FA0

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM3442-5FJ10-0FA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/4AM3442-5FJ10-0FA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM3442-5FJ10-0FA0&lang=en

last modified: 11/21/2022

Subject to change without notice
© Copyright Siemens