



Figure similar

TRANSFORMER SITAS; PHASES:1; PN/PN(S6)(KVA):0,1 /0,31;
UPRI(V):550-525-500-480-460- 440-415-400-380-230-208;
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 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 / cRUus
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	550
• _2 rated value	V	525
• _3 rated value	V	500
• _4 rated value	V	480
• _5 rated value	V	460
• _6 rated value	V	440
• _7 rated value	V	415
• _8 rated value	V	400
• _9 rated value	V	380
• _10 rated value	V	230
• _11 rated value	V	208
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 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



[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=4AM3442-8DN00-0EA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM3442-8DN00-0EA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM3442-8DN00-0EA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM3442-8DN00-0EA0&lang=en

last modified:

11/21/2022

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

[4AM34428DN000EA0](#)