



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	V·A	100
efficiency		0.86
connection method for transformers		II0
certificate of suitability		CE / cRUus
product function		
<ul style="list-style-type: none"> temperature monitoring 		No
<ul style="list-style-type: none"> insulation monitoring 		No
<ul style="list-style-type: none"> short-circuit and overload proof 		No
number of shielding windings		0
short-term vector power	V·A	310
relative short-circuit voltage	%	7.7
Inputs		
phase number of the inputs		1
input voltage		
<ul style="list-style-type: none"> _1 rated value 	V	550
<ul style="list-style-type: none"> _2 rated value 	V	525
<ul style="list-style-type: none"> _3 rated value 	V	500
<ul style="list-style-type: none"> _4 rated value 	V	480
<ul style="list-style-type: none"> _5 rated value 	V	460
<ul style="list-style-type: none"> _6 rated value 	V	440
<ul style="list-style-type: none"> _7 rated value 	V	415
<ul style="list-style-type: none"> _8 rated value 	V	400
<ul style="list-style-type: none"> _9 rated value 	V	380
<ul style="list-style-type: none"> _10 rated value 	V	230
<ul style="list-style-type: none"> _11 rated value 	V	208
electrical input frequency		
<ul style="list-style-type: none"> minimum 	Hz	50
<ul style="list-style-type: none"> maximum 	Hz	60
Outputs		
phase number of the outputs		1
output voltage		
<ul style="list-style-type: none"> _1 rated value 	V	24
electrical output frequency		
<ul style="list-style-type: none"> maximum 	Hz	60
<ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> at output for main current circuit at input for main current circuit 		screw-type terminals / tab terminals
		screw-type terminals / tab terminals
fastening method		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	Declaration of Conformity	Marine / Shipping	other



[UK Declaration of Conformity](#)



[Confirmation](#)

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=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:

2/12/2021