



Figure similar

transformer SITAS; phases: 1; Pn/Pn(S6)(kVA): 0.1 /0.31; Upri(V): 600-575-550-525-500- 480-460-440-415-400-240-230; Usec(V): 24; Isec(A): 4.17; F(Hz): 50...60; vector group/shielding winding: II0 /0; temperature rise/insulation class: 40 /B; IP00; connection: screw/flat-type connection; mounting: screws / DIN rail; EN 61558-2-2, -2-6 >UL/CSA-recognized< >control transformer< >safety 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	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	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	other	Environment



[Confirmation](#)



[Environmental Confirmations](#)

Further information
Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information for data generation and storage https://support.industry.siemens.com/cs/ww/en/view/109995012 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=4AM3442-8EN00-0EA0 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM3442-8EN00-0EA0 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/4AM3442-8EN00-0EA0 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM3442-8EN00-0EA0&lang=en

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