SIEMENS

Data sheet 4AM3842-8ED40-0FA0

Figure similar

TRANSFORMER SITAS; PHASES:1; PN/PN(S6)(KVA):0,16 /0,49; UPRI(V):600-575-550-525-500- 480-460-440-415-400-240-230; USEC(V):2X115; ISEC(A):0,696-1,39; 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	160
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	490
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	230
● _2 rated value	V	115
electrical output frequency		
● maximum	Hz	60

Subject to change without notice
© Copyright Siemens

• 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 96/44
width	m	0.098
height	m	0.106
depth	m	0.104

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- 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=4AM3842-8ED40-0FA0
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM3842-8ED40-0FA0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/4AM3842-8ED40-0FA0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM3842-8ED40-0FA0&lang=en

last modified: 11/21/2022

Subject to change without notice
© Copyright Siemens