SIEMENS

Data sheet 4AM3842-8ED40-0FA0

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
● 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		

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• 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	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=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

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