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Data sheet 4AM5542-5MT10-0FA0

Figure similar

transformer SITAS; phases: 1; Pn/Pn(S6)(kVA): 0.8 /3.4; Upri(V): 690+/-5%; Usec(V): 230; Isec(A): 3.478; F(Hz): 50...60; vector group/shielding winding: II0 /0; temperature rise/insulation class: 40 /B; IP00; connection: screw/flat-type connection; mounting: screws; EN 61558-2-1, -2-2, -2-4 >control transformer< >isolation transformer<

General technical data		
product designation		transformer SITAS
product brand name		SIDAC
operating apparent power rated value	VA	800
efficiency		0.93
connection method for transformers		Ii0
certificate of suitability		CE
product function		
● temperature monitoring		No
● insulation monitoring		No
● short-circuit and overload proof		No
number of shielding windings		0
short-term vector power	VA	3 400
relative short-circuit voltage	%	3.1
Inputs		
phase number of the inputs		1
input voltage		
● _1 rated value	V	725
● _2 rated value	V	690
● _3 rated value	V	655
electrical input frequency		
● minimum	Hz	50
● maximum	Hz	60
Outputs		
phase number of the outputs		1
output voltage		
● _1 rated value	V	230
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

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fastening method		screws
construction form of the iron core		EI 150/65
width	m	0.152
height	m	0.144
depth	m	0.126

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=4AM5542-5MT10-0FA0
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM5542-5MT10-0FA0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/4AM5542-5MT10-0FA0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM5542-5MT10-0FA0&lang=en

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