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Data sheet 4AM3442-5AT10-0FA0



Figure similar

transformer SITAS; phases: 1; Pn/Pn(S6)(kVA): 0.1 /0.31; Upri(V): 400+/-5%; Usec(V): 230; Isec(A): 0.43; 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 61558-2-1, -2-2, -2-4 >UL/CSA-recognized< >control transformer< >isolation 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		
● temperature monitoring		No
● insulation monitoring		No
● short-circuit and overload proof		No
number of shielding windings		0
short-term vector power	V·A	310
relative short-circuit voltage	%	8.28
Inputs		
phase number of the inputs		1
input voltage		
● _1 rated value	V	420
● _2 rated value	V	400
● _3 rated value	V	380
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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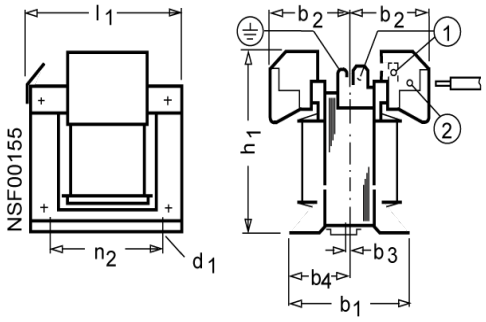
fastening method		screws / DIN rail
construction form of the iron core		EI 84/42
width	m	0.086
height	m	0.098
depth	m	0.102

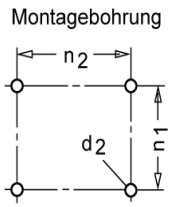
Certificates/ approvals

General Product Approval	other	Environment
EAC, CE EG-Konf., UK CA	Confirmation, 产品合格 QC PASS	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=4AM3442-5AT10-0FA0
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM3442-5AT10-0FA0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/4AM3442-5AT10-0FA0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM3442-5AT10-0FA0&lang=en





① Flachstecker DIN 46 244-A 6,3-0,8

② Schraubanschluss

24 A:	eindrähtig	0,5	bis 6 mm²
	feindrähtig	0,5	bis 4 mm²

Typ	Bemessungsleistung kVA 1)	Bezeichnung nach DIN 41 302	b_1	b_2	b_3	b_4	d_1	d_2	h_1	l_1	n_1	n_2
4AM32	0,063	EI 84/28	86	45	2	34	4,8 x 8,4	M 4	97	86	65	64
4AM34	0,1	EI 84/42	86	51	2	34	4,8 x 8,4	M 4	97	86	65	64
4AM38	0,16	EI 96/44	102	52	5	44	5,8 x 9	M 5	106	98	86	84
4AM40	0,25	EI 96/58	102	59	5	44	5,8 x 9	M 5	106	98	87	84

1) Die Bemessungsleistung gilt nur für Transformatoren mit getrennten Wicklungen (nicht bei Spartransformatoren).

last modified: 4/2/2025

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