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Data sheet 4AM4042-5CJ10-0FA0



Figure similar

transformer SITAS; phases: 1; Pn/Pn(S6)(kVA): 0.25 /0.85; Upri(V): 440+/-5%; Usec(V): 110; Isec(A): 2.27; 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

General technical data		
product designation		transformer SITAS
product brand name		SIDAC
operating apparent power rated value	V·A	250
efficiency		0.89
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	V·A	850
relative short-circuit voltage	%	5.4
Inputs		
phase number of the inputs		1
input voltage		
● _1 rated value	V	462
● _2 rated value	V	440
● _3 rated value	V	418
electrical input frequency		
● minimum	Hz	50
● maximum	Hz	60
Outputs		
phase number of the outputs		1
output voltage		
● _1 rated value	V	110
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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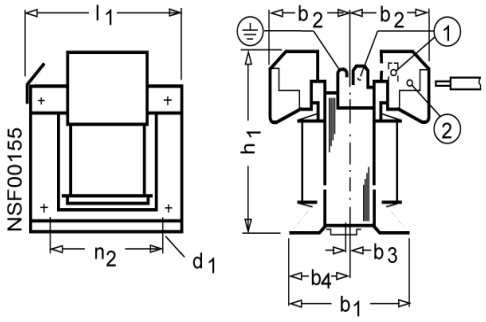
fastening method		screws / DIN rail
construction form of the iron core		EI 96/58
width	m	0.098
height	m	0.106
depth	m	0.118

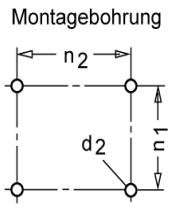
Certificates/ approvals

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=4AM4042-5CJ10-0FA0
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM4042-5CJ10-0FA0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/4AM4042-5CJ10-0FA0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM4042-5CJ10-0FA0&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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