SIEMENS

Data sheet 4AV2302-2EB00-0A



power supply; phases: 1; Pn(kW): 0.084; Upri(V): 230-115; Usec(V DC): 24; Isec(A DC): 3.5/4.2 (60/40 CEL); F(Hz): 50...60; vector group/shielding winding: II0 /0; protection class: I; temperature rise/insulation class: 60 /B; W(%): 5; IP00; connection: screw/flat-type connection; mounting: DIN rail; EN 61558-2-6, EN 61131-2 >safety transformer<

General technical data		
product designation		4AV2302-2EB00-0A
product brand name		SIDAC
vector group		Ii0
certificate of suitability		CE / cRUus
product function		
● temperature monitoring		No
● insulation monitoring		No
● short-circuit and overload proof		Yes
● varistor protective wiring		Yes
operating resource protection class		I
number of shielding windings		0
Inputs		
phase number of the inputs		1
type of current of the inputs		AC
input voltage		
● _1 rated value	V	230
● _2 rated value	V	115
electrical input frequency		
● minimum	Hz	50
● maximum	Hz	60
input voltage		
● minimum	V	103.5
● maximum	V	243.8
input current		
● _1 rated value	A	0.63
● _2 rated value	A	1.3
type of electrical connection at input for main current circuit		screw-type terminals / tab terminals
Outputs		
type of current		
● _1 at output		DC
output voltage		
● _1 rated value	V	24
output voltage of the measurement signal at analog output at DC maximum	V	28.8
output voltage of the measurement signal at analog output at DC minimum	V	20.4
output current		
● _1 rated value	A	3.5

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type of electrical connection at output for main current circuit		screw-type terminals / tab terminals
relative residual ripple		
● of the output voltage 1 for main current circuit maximum	%	5
Ambient conditions		
thermal class according to IEC 60085		B
ambient temperature rated value	°C	60
protection class IP		IP00
Mechanical data		
fastening method		DIN-rail mounting
construction form of the iron core		EI 66-88/41
width	mm	72
height	mm	136
depth	mm	111

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=4AV2302-2EB00-0A
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AV2302-2EB00-0A
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/4AV2302-2EB00-0A
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AV2302-2EB00-0A&lang=en

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