SIEMENS

Data sheet 4AV2102-2EB00-0A



POWER SUPPLY; PHASES:1; PN(KW):0,024; UPRI(V):230-115; USEC(V DC):24; ISEC(A DC):1/1,2 (60/40 CEL); F(HZ):50...60; VECTOR GR./SHIELD WNG.:II0 /0; PROTECTION CL.:I; TA/ISOKL:60 /B; W(%):5; IP00; TYPE OF TERMINALS:SCREW/TAB CONNECTION; INSTALLATION:MOUNTING RAILS; EN 61558-2-6, EN61131-2 >SAFETY ISOLATING TRANSFORMER<

General technical data		
Product designation		4AV2102-2EB00-0A
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

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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	0.2
• _2 rated value	A	0.3
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	1
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 acc. to IEC 60085		B
Ambient temperature rated value	°C	60
Protection class IP		IP00

Mechanical data

Mounting type		standard rail
Construction form of the iron core		EI 66-88/18
Width	m	0.045
Height	m	0.136
Depth	m	0.111

Certificates/ approvals

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General Product Approval		Declaration of Conformity		Shipping Approval	other
UL	EAC	EG-Konf.	Miscellaneous	PRS	Confirmation

Further information

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=4AV2102-2EB00-0A

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AV2102-2EB00-0A

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/4AV2102-2EB00-0A

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AV2102-2EB00-0A&lang=en

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