SIEMENS

Data sheet 4AV2000-2EB00-0A



POWER SUPPLY; PHASES:1; PN(KW):0,06; UPRI(V):400-230+/-15; USEC(V DC):24; ISEC(A DC):2,5/3 (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 CONNECTION; INSTALLATION:SCREWS/MOUNTING RAILS; EN 61558-2-6, EN61131-2 >SAFETY ISOLATING TRANSFORMER<

General technical data		
Product designation		4AV2000-2EB00-0A
Product brand name		SIDAC
Vector group		Ii0
Certificate of suitability		CE
Product function		
• Temperature monitoring		No
• Insulation monitoring		No
• Short-circuit and overload proof		No
• 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	415
• _2 rated value	V	400

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• _3 rated value	V	385
• _4 rated value	V	245
• _5 rated value	V	230
• _6 rated value	V	215
Electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60
Input voltage		
• minimum	V	193.5
• maximum	V	439.9
Input current		
• _1 rated value	A	0.31
• _2 rated value	A	0.32
• _3 rated value	A	0.33
• _4 rated value	A	0.53
• _5 rated value	A	0.55
• _6 rated value	A	0.57
Type of electrical connection at input for main current circuit		screw-type 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	2.5
Type of electrical connection at output for main current circuit		screw-type 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		screws / standard rail
Construction form of the iron core		EI 84/42

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Width	m	0.084
Height	m	0.142
Depth	m	0.1

Certificates/ approvals

General Product Approval	Declaration of Conformity	Shipping Approval	other
UL EAC	CE 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=4AV2000-2EB00-0A

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AV2000-2EB00-0A

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/4AV2000-2EB00-0A

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AV2000-2EB00-0A&lang=en

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