



Figure similar

power supply; phases: 1; Pn(kW): 0.24; Upri(V): 400-230+/-15; Usec(V DC): 24; Isec(A DC): 10/12 (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: cage-clamp; mounting: screws; EN 61558-2-6, EN 61131-2 >safety transformer<

General technical data		
product designation		<a href="#">4AV2400-2EB00-1A</a>
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
• _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	439.89
input current		
• _1 rated value	A	0.85
• _2 rated value	A	0.89
• _3 rated value	A	0.92
• _4 rated value	A	1.46
• _5 rated value	A	1.54
• _6 rated value	A	1.65
type of electrical connection at input for main current circuit		Cage Clamp terminals
Outputs		

<b>type of current</b>		
• _1 at output		DC
<b>output voltage</b>		
• _1 rated value	V	24
<b>output voltage of the measurement signal at analog output at DC maximum</b>	V	28.8
<b>output voltage of the measurement signal at analog output at DC minimum</b>	V	20.4
<b>output current</b>		
• _1 rated value	A	10
<b>type of electrical connection at output for main current circuit</b>		Cage-Clamp terminals
<b>relative residual ripple</b>		
• of the output voltage 1 for main current circuit maximum	%	5

#### Ambient conditions

<b>thermal class according to IEC 60085</b>		B
<b>ambient temperature rated value</b>	°C	60
<b>protection class IP</b>		IP00

#### Mechanical data

<b>fastening method</b>		screws
<b>construction form of the iron core</b>		EI 120/72
<b>width</b>	mm	120
<b>height</b>	mm	170
<b>depth</b>	mm	128

#### Certificates/ approvals

General Product Approval	other
--------------------------	-------



[Confirmation](#)

[Confirmation](#)



#### Environment

[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=4AV2400-2EB00-1A>

##### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AV2400-2EB00-1A>

##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/4AV2400-2EB00-1A>

##### Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AV2400-2EB00-1A&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AV2400-2EB00-1A&lang=en)

last modified:

5/9/2026