



POWER SUPPLY;  
 PHASES:3;  
 PN(KW):0,24;  
 UPRI(V):400+/-20;  
 USEC(V DC):24;  
 ISEC(A DC):10/12 (60/40 CEL);  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:IIIIY /0;  
 PROTECTION CL.:I;  
 TA/ISOKL:60 /B;  
 W(%):4,2;  
 IP00;  
 TYPE OF TERMINALS:SCREW CONNECTION;  
 INSTALLATION:SCREW;  
 EN 61558-2-6,  
 EN61131-2 >UL/CSA-RECOGNIZED< >SAFETY  
 ISOLATING TRANSFORMER<

**General technical details:**

<b>Product designation</b>	<a href="#">4AV3000-2EB00-0A</a>	
<b>product brand name</b>	SIDAC	
<b>Connection symbol</b>	IIly	
<b>Verification of suitability</b>	CE	
<b>Product function</b>		
<ul style="list-style-type: none"> <li>• temperature surveillance</li> </ul>		No
<ul style="list-style-type: none"> <li>• isolation control</li> </ul>		No
<ul style="list-style-type: none"> <li>• short circuit and overload protection</li> </ul>		No
<ul style="list-style-type: none"> <li>• varistor protective wiring</li> </ul>		Yes
<b>Operating resource protection class</b>		I
<b>Number of the protective coils</b>		0

**Inputs:**

<b>Phase number / of the inputs</b>		3
<b>Current type / of inputs</b>		AC
<b>Input voltage</b>		
<ul style="list-style-type: none"> <li>• _1 / rated value</li> </ul>	V	420
<ul style="list-style-type: none"> <li>• _2 / rated value</li> </ul>	V	400
<ul style="list-style-type: none"> <li>• _3 / rated value</li> </ul>	V	380
<b>Electrical input frequency</b>		

• minimum	Hz	50
• maximum	Hz	60
<b>Input voltage</b>		
• minimum	V	342
• maximum	V	445.2
<b>Design of the electrical connection / at the input / for main current circuit</b>		screw-type terminals

#### Outputs:

<b>Type of current</b>		DC
• _1 / at output		
<b>Output voltage</b>		
• _1 / rated value	V	24
<b>Output voltage / of the measured value signal / at the analog output / for DC / maximum</b>	V	28.8
<b>Output voltage / of the measured value signal / at the analog output / for DC / minimum</b>	V	20.4
<b>Output current</b>		
• _1 / rated value	A	10
<b>Design of the electrical connection / secondary side / for main current circuit</b>		screw-type 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 design:

<b>Mounting type</b>		screws
<b>Construction form of the iron core</b>		3UI 75/25
<b>Width</b>	m	164
<b>Height</b>	m	190
<b>Depth</b>	m	115

#### Certificates/approvals:

General Product Approval

Shipping Approval

other



[Declaration of Conformity](#)

#### Further information:

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**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/industrial-controls/catalogs>

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**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrial-controls/mall>

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**CAX-Online-Generator**

<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/4AV3000-2EB00-0A/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=4AV3000-2EB00-0A](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AV3000-2EB00-0A)

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**last change:**

Jul 7, 2014