



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		<a href="#">4AV2102-2EB00-0A</a>
product brand name		SIDAC
Vector group		li0
Certificate of suitability		CE / cRUus
Product function		
<ul style="list-style-type: none"> <li>• Temperature monitoring</li> <li>• Insulation monitoring</li> <li>• Short-circuit and overload proof</li> <li>• varistor protective wiring</li> </ul>		<p>No</p> <p>No</p> <p>Yes</p> <p>Yes</p>
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		
<ul style="list-style-type: none"> <li>• _1 Rated value</li> <li>• _2 Rated value</li> </ul>	V	<p>230</p> <p>115</p>
Electrical input frequency		
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	Hz	<p>50</p> <p>60</p>
Input voltage		
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	V	<p>103.5</p> <p>243.8</p>

<b>Input current</b>		
• _1 Rated value	A	0.2
• _2 Rated value	A	0.3
<b>Type of electrical connection at input for main current circuit</b>		screw-type terminals / tab 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 for DC maximum</b>	V	28.8
<b>Output voltage of the measurement signal at analog output for DC minimum</b>	V	20.4
<b>Output current</b>		
• _1 Rated value	A	1
<b>Type of electrical connection at output for main current circuit</b>		screw-type terminals / tab terminals
<b>Relative residual ripple</b>		
• of the output voltage 1 for main current circuit maximum	%	5

#### Ambient conditions:

<b>Thermal class acc. to IEC 60085</b>		B
<b>Ambient temperature Rated value</b>	°C	60
<b>Protection class IP</b>		IP00

#### Mechanical data:

<b>Mounting type</b>		standard rail
<b>Construction form of the iron core</b>		EI 66-88/18
<b>Width</b>	m	45
<b>Height</b>	m	136
<b>Depth</b>	m	111

#### Certificates/ approvals:

<b>General Product Approval</b>	<b>Shipping Approval</b>	<b>other</b>
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[Declaration of Conformity](#)

#### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**  
<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

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

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=4AV21022EB000A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AV21022EB000A>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=4AV21022EB000A&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=4AV21022EB000A&lang=en)

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