

CURRENT SUPPLY (UNSCREENED);  
 PHASES:1;  
 PN(KW):0,5;  
 UPRI(V):230;  
 USEC(V DC):24;  
 ISEC(A DC):20,8;  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:II0 /0;  
 PROTECTION CL.:I;  
 TA/ISOKL:50 /B;  
 W(%):48,3;  
 IP00;  
 TYPE OF TERMINALS:SCREW/TAB CONNECTION;  
 INSTALLATION:SCREW;  
 EN 61558 >SAFETY ISOLATING TRANSFORMER<

**General technical details:**

<b>Product designation</b>	<a href="#">4AV9800-5CB00-2N</a>	
<b>product brand name</b>	SIDAC	
<b>Connection symbol</b>	li0	
<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>		No
<b>Operating resource protection class</b>		I
<b>Number of the protective coils</b>		0

**Inputs:**

<b>Phase number / of the inputs</b>		1
<b>Current type / of inputs</b>		AC
<b>Input voltage</b>		
<ul style="list-style-type: none"> <li>• _1 / rated value</li> </ul>	V	230
<b>Electrical input frequency</b>		
<ul style="list-style-type: none"> <li>• minimum</li> </ul>	Hz	50
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	Hz	60

<b>Input voltage</b>		
• minimum	V	207
• maximum	V	243.8
<b>Input current</b>		
• $I_1$ / rated value	A	3.15
<b>Design of the electrical connection / at the input / for main current circuit</b>		screw-type terminals / tab terminals

#### Outputs:

<b>Type of current</b>		
• $I_2$ / at output		DC
<b>Output voltage</b>		
• $U_2$ / rated value	V	24
<b>Output current</b>		
• $I_2$ / rated value	A	20.8
<b>Design of the electrical connection / secondary side / for main current circuit</b>		screw-type terminals / tab terminals



#### Ambient conditions:

<b>Thermal class / according to IEC 60085</b>		B
<b>Ambient temperature / rated value</b>	°C	50
<b>Protection class IP</b>		IP00

#### Mechanical design:

<b>Mounting type</b>		screws
<b>Construction form of the iron core</b>		EI 150/48
<b>Width</b>	m	193
<b>Height</b>	m	160
<b>Depth</b>	m	228

#### Certificates/approvals:

General Product Approval	Shipping Approval	other
		<a href="#">Declaration of Conformity</a>

#### Further information:

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

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

##### Industry Mall (Online ordering system)

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

##### 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/4AV9800-5CB00-2N/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=4AV9800-5CB00-2N](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AV9800-5CB00-2N)

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**last change:**

Jul 7, 2014