



Figure similar

POWER SUPPLY; PHASES:3; PN(KW):1,2;  
 UPRI(V):400+/-20; USEC(V DC):24; ISEC(A DC):50/60  
 (60/40 CEL); F(HZ):50...60; VECTOR GR./SHIELD  
 WNG.:YY0 /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 data:

<b>Product designation</b>		<a href="#">4AV3500-2FB00-0A</a>
<b>product brand name</b>		SIDAC
<b>Vector group</b>		Yy0
<b>Certificate of suitability</b>		CE / cRUus
<b>Product function</b>		
<ul style="list-style-type: none"> <li>• Temperature monitoring</li> </ul>		No
<ul style="list-style-type: none"> <li>• Insulation monitoring</li> </ul>		No
<ul style="list-style-type: none"> <li>• Short-circuit and overload proof</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 shielding windings</b>		0

### Inputs:

<b>Phase number of the inputs</b>		3
<b>Type of current of the 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
<ul style="list-style-type: none"> <li>• _4 Rated value</li> </ul>	V	240
<ul style="list-style-type: none"> <li>• _5 Rated value</li> </ul>	V	230
<ul style="list-style-type: none"> <li>• _6 Rated value</li> </ul>	V	220
<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>		
<ul style="list-style-type: none"> <li>• minimum</li> </ul>	V	198
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	V	445.2
<b>Input current</b>		
<ul style="list-style-type: none"> <li>• _1 Rated value</li> </ul>	A	2.3
<ul style="list-style-type: none"> <li>• _2 Rated value</li> </ul>	A	2.4
<ul style="list-style-type: none"> <li>• _3 Rated value</li> </ul>	A	2.5
<ul style="list-style-type: none"> <li>• _4 Rated value</li> </ul>	A	4
<ul style="list-style-type: none"> <li>• _5 Rated value</li> </ul>	A	4.2
<ul style="list-style-type: none"> <li>• _6 Rated value</li> </ul>	A	4.4
<b>Type of electrical connection at input for main current circuit</b>		screw-type terminals

#### Outputs:

<b>Type of current</b>		
<ul style="list-style-type: none"> <li>• _1 at output</li> </ul>		DC
<b>Output voltage</b>		
<ul style="list-style-type: none"> <li>• _1 Rated value</li> </ul>	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>		
<ul style="list-style-type: none"> <li>• _1 Rated value</li> </ul>	A	50
<b>Type of electrical connection at output for main current circuit</b>		screw-type terminals
<b>Relative residual ripple</b>		
<ul style="list-style-type: none"> <li>• of the output voltage 1 for main current circuit maximum</li> </ul>	%	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>		screws
<b>Construction form of the iron core</b>		3UI 114/62
<b>Width</b>	m	266
<b>Height</b>	m	260
<b>Depth</b>	m	190

#### Certificates/ approvals:

General Product Approval	Shipping Approval	other
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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=4AV35002FB000A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AV35002FB000A>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=4AV35002FB000A&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=4AV35002FB000A&lang=en)

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