



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 details:

Product designation		4AV3500-2FB00-0A
product brand name		SIDAC
Connection symbol		Yy0
Verification of suitability		CE / cRUus
Product function		
• temperature surveillance		No
• isolation control		No
• short circuit and overload protection		No
• varistor protective wiring		Yes
Operating resource protection class		I
Number of the protective coils		0

Inputs:

Phase number / of the inputs		3
Current type / of inputs		AC
Input voltage		
• _1 / rated value	V	420
• _2 / rated value	V	400
• _3 / rated value	V	380
• _4 / rated value	V	240

• _5 / rated value	V	230
• _6 / rated value	V	220
Electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60
Input voltage		
• minimum	V	198
• maximum	V	445.2
Input current		
• _1 / rated value	A	2.3
• _2 / rated value	A	2.4
• _3 / rated value	A	2.5
• _4 / rated value	A	4
• _5 / rated value	A	4.2
• _6 / rated value	A	4.4
Design of the electrical connection / at the input / for main current circuit		screw-type terminals

Outputs:		
Type of current		
• _1 / at output		DC
Output voltage		
• _1 / rated value	V	24
Output voltage / of the measured value signal / at the analog output / for DC / maximum	V	28.8
Output voltage / of the measured value signal / at the analog output / for DC / minimum	V	20.4
Output current		
• _1 / rated value	A	50
Design of the electrical connection / secondary side / for main current circuit		screw-type terminals
Relative residual ripple		
• of the output voltage 1 / for main current circuit / maximum	%	5

Ambient conditions:		
Thermal class / according to IEC 60085		B
Ambient temperature / rated value	°C	60
Protection class IP		IP00

Mechanical design:		
Mounting type		screws
Construction form of the iron core		3UI 114/62

Width	m	266
Height	m	260
Depth	m	190

Certificates/approvals:

General Product Approval	Shipping Approval	other
	 UL	 PRS
		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/industrial-controls/mall>

CAX-Online-Generator

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

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

<http://support.automation.siemens.com/WW/view/en/4AV3500-2FB00-0A/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AV3500-2FB00-0A

last change:

Jul 7, 2014