



POWER SUPPLY;
 PHASES:1;
 PN(KW):0,084;
 UPRI(V):230-115;
 USEC(V DC):24;
 ISEC(A DC):3,5/4,2 (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 details:

product designation		4AV2302-2EB00-0A
product brand name		SIDAC
Connection symbol		li0
Verification of suitability		CE / cRUus
Product function		
<ul style="list-style-type: none"> • temperature surveillance 		No
<ul style="list-style-type: none"> • isolation control 		No
<ul style="list-style-type: none"> • short circuit and overload protection 		Yes
<ul style="list-style-type: none"> • varistor protective wiring 		Yes
Operating resource protection class		I
Number of the protective coils		0

Inputs:

Phase number / of the inputs		1
Type of current / of the inputs		AC
Input voltage		
<ul style="list-style-type: none"> • _1 / rated value 	V	230
<ul style="list-style-type: none"> • _2 / rated value 	V	115
Electrical input frequency		
<ul style="list-style-type: none"> • minimum 	Hz	50

• maximum	Hz	60
Input voltage		
• minimum	V	103.5
• maximum	V	243.8
Input current		
• I_1 / rated value	A	0.63
• I_2 / rated value	A	1.3
Design of the electrical connection / at the input / for main current circuit		screw-type terminals / tab terminals

Outputs:

Type of current		DC
• I_1 / secondary side		
Output voltage		
• U_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		
• I_1 / rated value	A	3.5
Design of the electrical connection / secondary side / for main current circuit		screw-type terminals / tab terminals
Relative residual ripple		
• of the output voltage U_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:

Type of mounting		standard rail
Construction form of the iron core		EI 66-88/41
Width	m	72
Height	m	136
Depth	m	111

Certificates/approvals:

General Product Approval

Shipping Approval

other



GOST



UL



PRS

[Confirmation](#)

[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/4AV2302-2EB00-0A/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AV2302-2EB00-0A

last change:

Mar 4, 2013