



Figure similar

POWER SUPPLY; PHASES:1; PN(KW):0,06;
 UPRI(V):400-230(240)-115(120); USEC(V DC):24;
 ISEC(A DC):2,5/3 (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 CONNECTION;
 INSTALLATION:SCREWS/MOUNTING RAILS; EN
 61558-2-6, EN61131-2 >UL/CSA-RECOGNIZED<
 >SAFETY ISOLATING TRANSFORMER<

General technical data:

Product designation		4AV2001-2EB00-0A
product brand name		SIDAC
Vector group		Ii0
Certificate of suitability		CE
Product function		
<ul style="list-style-type: none"> • Temperature monitoring 		No
<ul style="list-style-type: none"> • Insulation monitoring 		No
<ul style="list-style-type: none"> • Short-circuit and overload proof 		No
<ul style="list-style-type: none"> • varistor protective wiring 		Yes
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"> • _1 Rated value 	V	400
<ul style="list-style-type: none"> • _2 Rated value 	V	230
<ul style="list-style-type: none"> • _3 Rated value 	V	115
Electrical input frequency		
<ul style="list-style-type: none"> • minimum 	Hz	50
<ul style="list-style-type: none"> • maximum 	Hz	60
Input voltage		
<ul style="list-style-type: none"> • minimum 	V	103.5

<ul style="list-style-type: none"> • maximum 	V	424
Input current		
<ul style="list-style-type: none"> • _1 Rated value 	A	0.3
<ul style="list-style-type: none"> • _2 Rated value 	A	0.53
<ul style="list-style-type: none"> • _3 Rated value 	A	1.06
Type of electrical connection at input for main current circuit		screw-type terminals

Outputs:

Type of current		
<ul style="list-style-type: none"> • _1 at output 		DC
Output voltage		
<ul style="list-style-type: none"> • _1 Rated value 	V	24
Output voltage of the measurement signal at analog output for DC maximum	V	28.8
Output voltage of the measurement signal at analog output for DC minimum	V	20.4
Output current		
<ul style="list-style-type: none"> • _1 Rated value 	A	2.5
Type of electrical connection at output for main current circuit		screw-type terminals
Relative residual ripple		
<ul style="list-style-type: none"> • of the output voltage 1 for main current circuit maximum 	%	5

Ambient conditions:

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

Mechanical data:

Mounting type		screws / standard rail
Construction form of the iron core		EI 84/42
Width	m	84
Height	m	142
Depth	m	100

Certificates/ approvals:

General Product Approval	Shipping Approval	other
		
		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=4AV20012EB000A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AV20012EB000A>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=4AV20012EB000A&lang=en

last modified:

16.03.2015