



Figure similar

POWER SUPPLY; PHASES:3; PN(KW):0,36;
 UPRI(V):500-400(415); USEC(V DC):24; ISEC(A DC):15/18 (60/40 CEL); F(HZ):50...60; VECTOR GR./SHIELD WNG.:II0 /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
 >SAFETY ISOLATING TRANSFORMER<

General technical data:

Product designation		4AV3101-2EB00-0A
product brand name		SIDAC
Vector group		II0
Certificate of suitability		CE
Product function		
• Temperature monitoring		No
• Insulation monitoring		No
• Short-circuit and overload proof		No
• varistor protective wiring		Yes
Operating resource protection class		I
Number of shielding windings		0

Inputs:

Phase number of the inputs		3
Type of current of the inputs		AC
Input voltage		
• _1 Rated value	V	500
• _2 Rated value	V	400
Electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60
Input voltage		
• minimum	V	360
• maximum	V	530

Type of electrical connection at input for main current circuit		screw-type terminals
---	--	----------------------

Outputs:

Type of current		DC
• _1 at output		
Output voltage		
• _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		
• _1 Rated value	A	15
Type of electrical connection at output 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 acc. to IEC 60085		B
Ambient temperature Rated value	°C	60
Protection class IP		IP00

Mechanical data:

Mounting type		screws
Construction form of the iron core		3UI 75/40
Width	m	164
Height	m	190
Depth	m	115

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&mlfb=4AV31012EB000A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AV31012EB000A>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AV31012EB000A&lang=en

last modified:

16.03.2015