



Figure similar

POWER SUPPLY; PHASES:3; PN(KW):0,6;
 UPRI(V):400+/-20; USEC(V DC):24; ISEC(A DC):25;
 F(HZ):50...60; VECTOR GR./SHIELD WNG.:YY0 /0;
 PROTECTION CL.:I; TA/ISOKL:40 /B; W(%):5; IP00;
 TYPE OF TERMINALS:SCREW CONNECTION;
 INSTALLATION:4AV51_0_; EN 61558, EN61131-2
 >SAFETY ISOLATING TRANSFORMER<

General technical data:

Product designation		4AV5125-2EB00-0A
product brand name		SIDAC
Vector group		Yy0
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		3
Type of current of the inputs		AC
Input voltage		
<ul style="list-style-type: none"> • _1 Rated value 	V	420
<ul style="list-style-type: none"> • _2 Rated value 	V	400
<ul style="list-style-type: none"> • _3 Rated value 	V	380
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	342

• maximum	V	445.2
Input current		
• _1 Rated value	A	1.18
• _2 Rated value	A	1.23
• _3 Rated value	A	1.3
Type of electrical connection at 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 measurement signal at analog output for DC maximum	V	30
Output voltage of the measurement signal at analog output for DC minimum	V	20.4
Output current		
• _1 Rated value	A	25
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	40
Protection class IP		IP00

Mechanical data:

Mounting type		screws
Construction form of the iron core		3UI 90/50
Width	m	216
Height	m	240
Depth	m	132

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=4AV51252EB000A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AV51252EB000A>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=4AV51252EB000A&lang=en

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